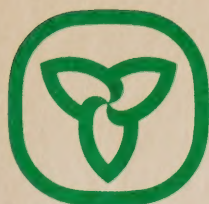




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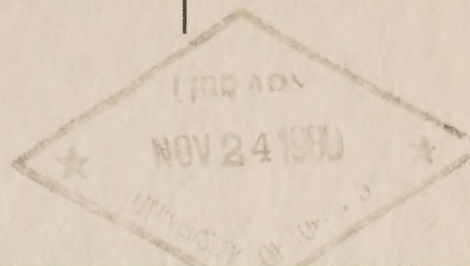
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**STREAMFLOW DATA
FOR
IHD REPRESENTATIVE BASINS
1965-1978**



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WATER RESOURCES
BULLETIN 3-100
Surface water series

**STREAMFLOW DATA
FOR
IHD REPRESENTATIVE BASINS
1965-1978**

MINISTRY OF THE ENVIRONMENT
Water Resources Branch

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INTRODUCTION

The Water Resources Branch of the Ministry of the Environment herein presents the results of streamflow measurements that were made in selected International Hydrological Decade Representative Basins in southern Ontario, during the period 1965 to 1978.

As part of the Ontario Ministry of the Environment's contribution to the International Hydrological Decade (1965-1974), the former River Basin Research Section of the Water Quantity Management Branch was directed to carry out studies of water resources and physical conditions in representative basins in southern Ontario.

Five river basins were selected as being representative of large physiographic areas in the southern part of the Province, and hydrologic studies were undertaken to provide a better understanding of the water balance in these areas. The basins selected for detailed study were as follows (see Map 1):

1. East and Middle Oakville Creeks
2. Venison Creek
3. Blue Springs Creek
4. Bowmanville Soper and Wilmot Creeks
5. Wilton Creek

A portion of the work undertaken for the IHD program dealt with the instrumentation of the main streams and major tributaries, with continuous recording streamflow gauges. Staff of the River Basin Research Section were responsible for the instrumentation, collection, and computation of streamflow data in all basins except the Blue Springs Creek Basin. Collection of continuous streamflow data for the Blue Springs Creek Basin was not undertaken by this Ministry, and streamflow data for this basin are not included in this publication. Operation of some stations was continued during the years 1975 to 1978 by the Water Resource Assessment Units of the Ministry's Regional Offices at Stoney Creek and Don Mills, and by the Hydrology and Monitoring Section of the Water Resources Branch.

Enquiries concerning the details of individual stations and related records should be made to:

Supervisor, Hydrology and Monitoring Section,
Water Resources Branch,
Ministry of the Environment,
135 St. Clair Avenue West,
Toronto, Ontario.

DEFINITION OF TERMS AND ABBREVIATIONS

"Acre-foot" (ac-ft) is the volume of water required to cover an area of one acre to a depth of one foot. It is equal to 43,560 cubic feet.

"Control" is the condition or structure downstream from a gauging station that determines the stage-discharge relationship. Artificial controls were constructed in conjunction with many stations in the IHD Representative Basins in order to ensure a stable stage-discharge relationship. In general, these controls were broad-crested, concrete structures requiring minimal maintenance. In the absence of an artificial structure, a control is generally produced by the natural streambed.

"Cubic foot per second" (cfs) is a unit expressing the rate of discharge. One cfs is equal to one cubic foot of water flowing past a particular point in one second. This is the basic unit of flow in general use, all other units being computed from it by using factors given under the "Equivalents of Measurement".

"Stage-discharge relationship" is the relation at a gauging station on a stream between the water level and the discharge at that gauging station.

EQUIVALENTS OF MEASUREMENT

1 cubic foot per second = 0.28317 cubic metre
per second

1 cubic foot = 6.2321 Imperial gallons

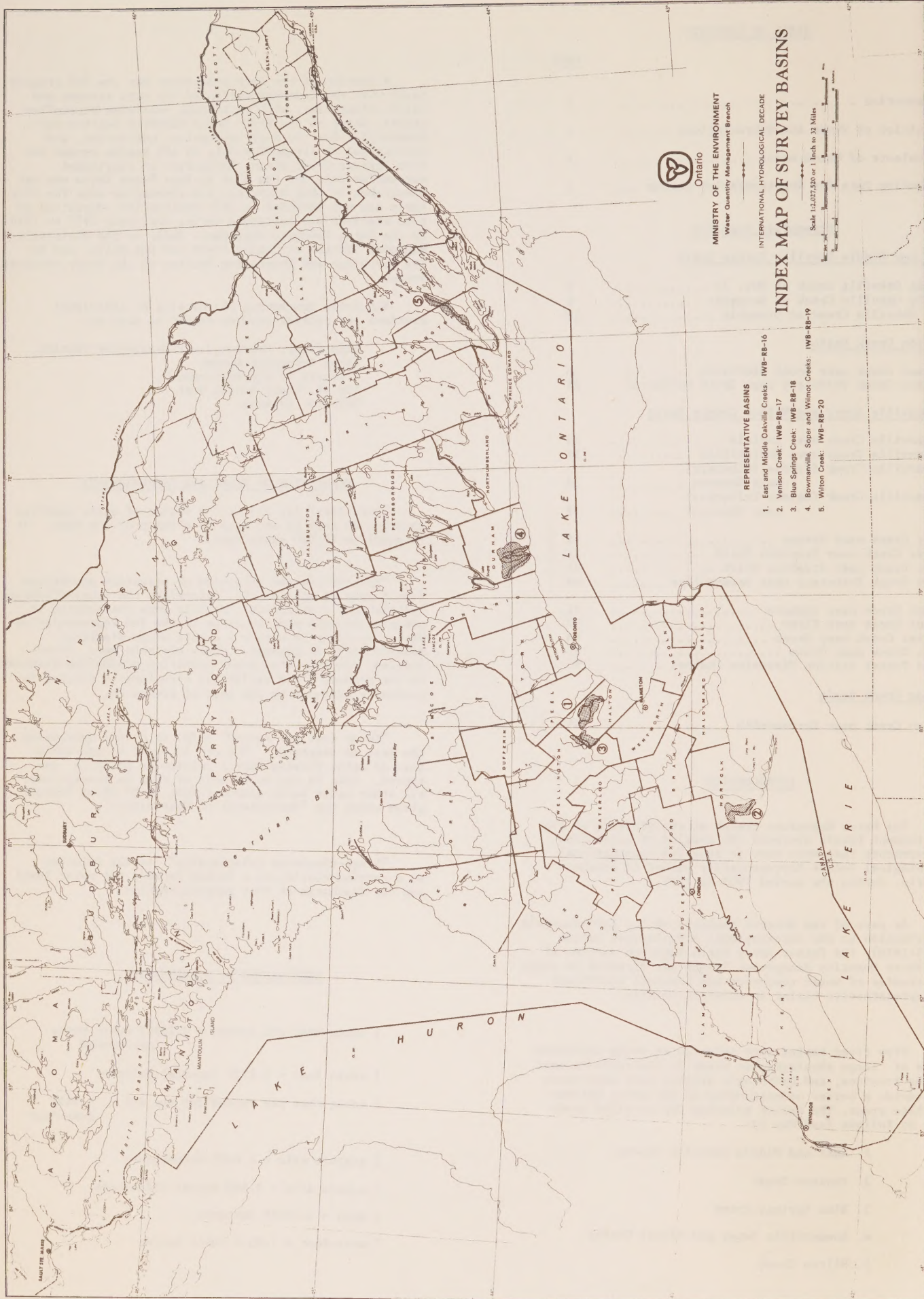
1 cubic foot per second for one day = 1.9835
acre-feet

1 statute mile = 1.6093 kilometres

1 square mile = 2.590 square kilometres

1 acre = 0.40469 hectares

1 acre-foot = 1233.5 cubic metres



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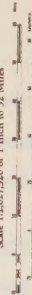
INTERNATIONAL HYDROLOGICAL DECADE

INDEX MAP OF SURVEY BASINS

REPRESENTATIVE BASINS

1. East and Middle Oakville Creeks. IWB-RB-16
2. Venison Creek. IWB-RB-17
3. Blue Springs Creek. IWB-RB-18
4. Bowmanville, Soper and Wilnot Creeks. IWB-RB-19
5. Wilton Creek. IWB-RB-20

Scale 1:207,320 or 1 Inch to 12 Miles



DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01												7.0	01
02												4.8	02
03												3.2	03
04												2.4	04
05												2.8	05
06												13.0	06
07												75.5	07
08												61.1	08
09												33.4	09
10												86.5	10
11												63.0	11
12												34.2	12
13												24.3	13
14												20.0	14
15												17.5	15
16											1.5	16.7	16
17											1.4	16.3	17
18											1.4	16.7	18
19											1.1	14.2 B	19
20											1.1	11.0	20
21											1.1	9.7 B	21
22											1.1	8.6 B	22
23											1.1	6.8 B	23
24											1.9	7.2 B	24
25											3.3	6.4 B	25
26											3.8	6.8 B	26
27											3.7	7.0	27
28											7.1	7.7	28
29											14.5	8.6	29
30											10.1	8.4	30
31												8.9	31
TOTAL												609.7	TOTAL
MEAN												19.06	MEAN
AC-FT												1209.33	AC-FT
MAX												86.5	MAX
MIN												2.4	MIN

SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT
3 MILES NORTH OF THE TOWN OF MILTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 15.8 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

MIDDLE OAKVILLE CREEK AT HWY 25 - STATION NO. 02HB201

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	10.1	19.9 B	9.4 B	111.0	14.3	3.3	36.9	1.0	0.66	3.2	7.3	2.7	01
02	9.4	19.3 B	9.3 B	121.0	17.5	2.8	102.0	0.89	0.38	2.0	33.0	2.8	02
03	8.7	17.8 B	9.2 B	257.0	25.0	2.4	83.6	1.1	0.21	1.2	24.3	3.7	03
04	8.5	18.6 B	9.2 B	86.7	18.8	2.1	40.9	0.91	0.2	0.91	18.4	4.0	04
05	8.2 B	18.2 B	9.3 B	83.7	15.3	1.9	25.4	0.76	0.17	0.87	14.0	4.4	05
06	7.2 B	15.0 B	9.3 B	71.8	13.3	1.7	19.6 E	0.68	0.17	0.83	11.3	4.8	06
07	7.5 B	17.5 B	9.2 B	55.9	16.4	2.2	14.7 E	0.64	0.22	0.82	9.4	5.5	07
08	7.5 B	17.2 B	8.8 B	75.9	27.3	32.6	12.0 E	0.68	0.2	0.99	8.4	14.0	08
09	7.0 B	17.0 B	9.1	48.4	23.7	29.4	9.8 E	2.0	0.2	1.8	8.4	12.9	09
10	7.8	17.0 B	12.7	38.3	19.4	35.7	15.9 E	1.9	0.21	1.8	6.3	9.1	10
11	6.5 B	17.2 B	48.0	34.9	20.9	74.2	15.2 E	1.2	0.19	1.3	8.2	12.4	11
12	7.0 E	17.3 B	69.1	33.5	24.0	31.1	16.8	0.85	0.19	1.0	11.3	61.9	12
13	7.1 E	17.0 B	39.6		18.2	18.0	13.7	0.66	0.2	0.98	11.6	52.9	13
14	7.1 B	17.3 B	36.6		14.6	12.1	10.0	0.49	0.19	1.0	10.4	22.2	14
15	7.1 B	20.4	37.4	32.9	13.2	8.8	8.5	0.47	0.16	1.1	9.0 B	13.8	15
16	5.3 B	57.0	25.7 B	29.1	11.8	6.9	7.5	0.37	0.16	5.3	6.6 B	12.7	16
17	6.1 B	40.3 B	20.7 B	33.5	10.4	8.0	6.3	0.49	0.15	14.1	7.2	11.2	17
18	5.3 B	31.8 B	18.6 B	35.6	9.6	14.5	5.4	0.36	0.15	57.2	10.5	21.0	18
19	5.5 B	25.8	15.7 B	28.5	9.9	9.5	5.2	0.5	0.13	28.0	12.5	36.9	19
20	6.0	22.2	16.0	24.3	8.8	6.8	5.0	0.77	0.17	14.1	9.0 B	21.9	20
21	6.4	19.5	16.5	23.2	8.5	6.1	4.1	0.69	1.3	9.7	7.4 B	107.0	21
22	6.5	15.2 B	16.1	30.3	8.0	83.5	3.6	0.46	1.7	7.2	8.2	279.0	22
23	26.9	13.0 B	15.6	26.6	7.6	36.0	3.3	0.37	0.98	5.8	11.5	57.5 B	23
24	53.7	11.5 B	18.1	22.7	7.1	16.3	3.0	0.42	0.71	5.2	10.8	35.5 B	24
25	60.5	11.3 B	22.4	19.9	6.7	12.3	2.4	0.26	0.53	4.8	9.4	27.8 B	25
26	44.7	11.0 B	36.8	18.0	5.9	9.5	2.1	0.31	0.38	4.6	9.7	19.9 B	26
27	48.9	10.5 B	71.3	16.5	5.5	7.0	1.7	0.56	0.46	5.9	8.9	12.1 B	27
28	67.3	9.8 B	88.0	15.1	5.5	5.5	1.7	2.5	4.0	10.4	5.3 B	11.0 B	28
29	43.2 B		89.9	13.9	5.1	37.1	1.5	1.9	14.1	9.0	3.9 B	10.2 B	29
30	27.8 B		91.9	13.9	4.1	35.6	1.1	0.95	6.6	7.3	3.6	9.3 B	30
31	21.5 B		92.8		3.5		1.3	0.92		6.5		8.4 B	31
TOTAL	552.3	545.6	982.3	1402.1	399.9	552.9	480.2	26.06	35.07	214.9	317.8	908.5	TOTAL
MEAN	17.81	19.48	31.68	50.07	12.9	18.43	15.49	0.84	1.16	6.93	10.59	29.3	MEAN
AC-FT	1095.48	1082.19	1948.39	2781.06	793.2	1096.67	952.47	51.69	69.56	426.25	630.35	1802.0	AC-FT
MAX	67.3	57.0	92.8	257.0	27.3	83.5	102.0	2.5	14.1	57.2	33.0	279.0	MAX
MIN	5.3	9.8	8.8	13.9	3.5	1.7	1.1	0.26	0.13	0.82	3.6	2.7	MIN

SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, 17.7 CFS
TOTAL DISCHARGE, 12700 AC-FT
MAXIMUM DAILY DISCHARGE, 279.0 CFS
MINIMUM DAILY DISCHARGE, 0.13 CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT
3 MILES NORTH OF THE TOWN OF MILTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 15.8 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

MIDDLE OAKVILLE CREEK AT HWY 25 - STATION NO. 02NB201

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	7.7 B	64.8	7.0	35.0	7.5	10.9	6.0	1.9	2.8	3.5	5.8	34.4	01
02	7.9 B	410.0	6.6	24.3	7.3	9.7	4.5	1.4	5.2	3.0	5.7	33.0	02
03	8.1 B	169.0	6.2	25.0	8.1	8.5	3.6	1.1	7.2	6.2	5.5	34.4	03
04	8.2 B	105.0	5.8	44.3	9.2	7.4	3.3	0.76	5.0	6.0	5.0	61.4	04
05	8.3 B	69.7	5.4	46.3	8.3	6.5	3.6	0.52	6.1	5.2	5.0	53.7	05
06	8.4 B	57.1	5.0	30.8	7.6	5.4	5.2	6.6	20.5	4.6	5.6	26.9 B	06
07	8.5 B	43.1	6.4	24.6	7.0	4.6	3.1	4.9	12.7	5.3	7.4	20.9 B	07
08	8.6 B	31.6	7.9	21.4	6.6	4.2	2.5	2.8	8.3	4.9	9.8	14.6 B	08
09	8.7 B	25.4	95.2	17.9	10.0	3.8	2.6	2.0	7.2	4.5	8.9	12.1 B	09
10	8.8 B	18.4	190.0	17.3	16.2	3.5	3.7	1.8	6.8	4.1	8.2	9.2 B	10
11	9.0 B	16.1	77.6	16.4	11.8	3.6	3.0	1.3	9.2	3.9	7.6	9.1	11
12	9.1 B	14.7	46.9	14.9	17.7	4.8	2.4	1.0	11.8	3.5	6.9	10.8	12
13	9.1 B	14.0	22.1	13.6	18.6	3.7	2.0	1.1	8.2	3.2	6.6	20.3	13
14	9.2 B	13.1	20.0	12.9	14.0	3.2	1.8	1.1	6.5	3.4	6.1	19.1	14
15	9.9 B	12.2	22.9	12.0	15.1	3.0	1.7	1.0	5.8	2.9	14.7	7.6 B	15
16	11.0	11.6	217.0	11.0	19.5	2.9	1.5	1.2	5.0	2.8	17.0	7.9 B	16
17	10.9	11.0	195.0	11.0	22.2	2.7	1.5	1.1	4.7	2.8	13.5	7.7 B	17
18	10.4	10.5	152.0	11.2	17.1	2.4	1.6	0.84	4.2	2.9	22.3	7.0	18
19	10.8	10.4	105.0	10.7	15.5	3.0	2.0	2.9	3.7	12.3	26.6	6.8	19
20	10.0	10.2	90.1	10.2	22.2	2.6	1.9	3.9	3.5	9.8	16.8	7.9	20
21	9.4	9.8	87.1	9.7	17.5	2.4	1.5	2.3	3.2	7.9	13.8	8.2	21
22	9.0	9.4	60.0	9.4	14.4	5.1	1.2	21.5	3.3	6.8	15.7	8.8	22
23	8.4	9.1	49.3	9.4	12.0	4.0	1.2	54.6	4.1	5.8	15.9	12.3	23
24	6.0 B	8.8	36.9	12.8	10.7	2.9	1.4	28.2	4.1	5.4	15.2	9.0 B	24
25	7.0 B	8.5	52.5	11.6	9.2	5.0	1.8	13.9	5.7	7.0	12.7	7.7 B	25
26	7.9 B	8.2	70.3	10.5	8.3	25.3	1.3	9.1	5.1	8.5	12.3	8.3 B	26
27	8.6 B	8.0	73.0	9.6	7.9	17.2	1.5	6.7	4.3	8.2	17.9	8.6 B	27
28	10.2	7.7	70.6	8.6	8.8	12.1	1.2	5.1	4.8	7.4	65.2	9.1 B	28
29	10.5	7.4	62.4	8.1	14.4	9.3	0.85	4.1	4.7	6.8	134.0	9.2 B	29
30	27.3		48.0	7.8	15.3	7.7	0.78	3.5	4.1	6.3	52.2	9.2 B	30
31	21.8		39.0		12.8		0.84	3.2		5.9		9.3 B	31
TOTAL	308.7	1194.8	1933.2	513.9	392.8	187.4	71.07	191.42	188.4	170.8	555.3	504.5	TOTAL
MEAN	9.95	41.2	62.36	17.13	12.67	6.24	2.29	6.17	6.28	5.5	18.64	16.27	MEAN
AC-FT	612.3	2369.88	3834.5	1019.32	779.11	371.7	140.96	379.68	373.65	336.78	1109.37	1000.67	AC-FT
MAX	27.3	410.0	217.0	46.3	22.2	25.3	6.0	54.6	20.5	12.3	134.0	61.4	MAX
MIN	6.0	7.4	5.0	7.8	6.6	2.4	0.78	0.52	2.8	2.8	5.0	6.8	MIN

SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 17.0 CFS
TOTAL DISCHARGE, 12300 AC-FT
MAXIMUM DAILY DISCHARGE, 410.0 CFS
MINIMUM DAILY DISCHARGE, 0.52 CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT
3 MILES NORTH OF THE TOWN OF MILTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 15.8 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

MIDDLE OAKVILLE CREEK AT HWY 25 - STATION NO. 02HB201

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	9.4 B	58.1	8.5	25.8	18.3	7.7	2.2	3.5	1.5	1.3	2.7	5.7	01
02	9.3 B	34.6	8.3	48.4	16.3	8.2	2.0	6.4	1.5	1.5	18.7	5.3	02
03	9.2 B	26.4	8.4 B	39.6	15.3	10.0	2.1	7.6	1.4	1.6	13.5	5.2	03
04	9.1 B	19.2 B	7.7 B	46.9	13.9	10.5	2.2	4.0	1.3	1.6	6.4	4.7	04
05	8.9 B	19.3 B	6.9 B	104.0	13.1	9.2	2.6	3.0	1.4	1.6	6.0	4.6	05
06	8.8 B	18.1 B	7.6 B	63.4	12.4	8.5	2.2	2.2	1.5	1.7	4.5	4.6	06
07	8.7 B	17.0 B	6.8 B	47.1	12.4	8.1	1.9	2.1	1.4	1.7	3.9	4.9	07
08	8.6 B	16.1 B	6.6 B	40.0	18.8	7.7	1.8	2.3	1.3	1.8	3.8	8.1	08
09	8.5 B	15.4 B	6.8 B	35.8	22.2	6.6	1.3	2.0	1.3	1.7	3.7	8.9	09
10	8.3 B	15.1	7.0 B	44.9	23.0	5.8	1.8	1.7	1.2	1.6	3.5	8.5	10
11	8.2 B	14.4	6.0 B	35.7	27.3	5.4	2.0	1.7	1.2	1.5	5.0	8.1	11
12	7.9 B	13.9	6.6 B	28.2	27.3	4.8	1.8	1.6	1.3	1.8	6.4	8.7	12
13	7.6 B	11.8 B	7.0	23.5	18.7	4.4	1.9	1.5	1.2	2.1	6.6	8.5	13
14	7.4 B	10.7 B	7.2	20.5	17.7	4.3	1.7	1.4	1.1	3.4	6.7	8.3	14
15	7.6 B	10.9 B	8.1	19.1	15.0	4.3	1.4	1.4	1.0	3.3	6.6	7.2 B	15
16	8.6	10.8 B	9.6	20.7	12.9	4.8	1.1	24.1	1.0	3.6	5.8	7.2 B	16
17	8.9	10.6 B	27.0	21.7	12.4	4.4	0.87	45.4	1.1	4.2	5.3	7.4	17
18	22.8	10.2 B	84.9	117.0	31.6	5.8	0.76	15.6	1.1	3.8	7.6	7.2	18
19	30.6	9.7 B	102.0	91.0	78.5	6.1	0.7	7.8	1.1	3.8	22.9	7.5 B	19
20	21.5 B	9.7 B	77.5	43.8	43.0	5.8	0.8	5.2	1.1	7.0	25.1	7.5 B	20
21	21.7 B	9.7	146.0	32.7	27.4	5.1	0.85	3.9	1.2	5.7	15.0	7.3	21
22	20.9	9.9	73.2	32.8	21.2	4.3	0.94	3.1	1.2	5.1	10.8	6.8	22
23	21.2	9.6	76.1	37.1	18.3	5.1	0.73	2.1	1.2	4.0	10.2	6.0 B	23
24	23.5	9.5	82.0	35.6	15.9	5.3	2.1	1.9	1.6	3.1	9.7	5.7 B	24
25	16.5 B	9.4	124.0	29.3	15.3	4.8	7.1	1.9	1.7	4.1	9.1	5.7 B	25
26	15.0 B	9.1	91.0	25.5	14.4	4.1	4.2	1.8	1.5	3.7	8.6	5.7 B	26
27	13.2 B	8.8	52.5	22.6	12.8	3.4	11.2	1.8	1.5	3.7	7.9	5.7 B	27
28	12.8	9.0	47.5	26.8	11.2	3.0	19.8	1.7	1.4	3.0	7.3	5.5 B	28
29	13.1		62.6	26.2	10.0	2.5	22.3	1.6	1.4	2.6	7.1	5.3 B	29
30	66.6		36.1	21.2	8.7	2.4	9.1	1.6	1.3	2.4	7.5	5.2 B	30
31	142.0		29.0		7.6		4.5	1.6		2.3		5.1 B	31
TOTAL	586.4	427.0	1230.5	1206.9	612.9	172.4	115.95	163.5	39.0	90.3	259.9	202.1	TOTAL
MEAN	18.91	15.25	39.69	40.23	19.77	5.74	3.74	5.27	1.3	2.91	8.66	8.51	MEAN
AC-FT	1163.12	846.95	2440.69	2393.88	1215.68	341.95	229.98	324.3	77.35	179.11	515.51	400.86	AC-FT
MAX	142.0	58.1	146.0	117.0	78.5	10.5	22.3	45.4	1.7	7.0	25.1	8.9	MAX
MIN	7.4	8.8	6.0	19.1	7.6	2.4	0.7	1.4	1.0	1.3	2.7	4.6	MIN

SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 14.0 CFS
TOTAL DISCHARGE, 10100 AC-FT
MAXIMUM DAILY DISCHARGE, 146.0 CFS
MINIMUM DAILY DISCHARGE, 0.70 CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT
3 MILES NORTH OF THE TOWN OF MILTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 15.8 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.0 B	9.4	4.5	22.6	20.2	5.1	1.6	2.2	2.0	3.1	32.4	15.2	01
02	4.9 B	10.0	4.4	51.6	18.7	4.8	1.3	1.8	1.3	3.1	27.0	13.7	02
03	4.8 B	9.4 B	4.3	79.6	15.8	4.8	1.1	1.5	0.92	3.7	17.6	16.7 E	03
04	4.8 B	9.0 B	8.9	71.5	14.7	4.4	1.2	1.2	5.8	4.3	14.4	50.4 E	04
05	4.8 B	8.7 B	24.6	47.5	14.1	3.9	1.1	1.1	3.0	4.2	12.8	35.4	05
06	4.8 B	7.8	22.0 B	44.5	12.7	3.8	0.82	0.93	1.7	4.7	11.7	19.1 B	06
07	4.9 B	7.2	22.7 B	49.9	11.6	3.3	0.83	0.78	1.2	4.0	10.5	12.9 B	07
08	4.9 B	7.0	16.9 B	58.4	12.0	3.2	0.72	0.72	2.0	3.5	9.5	8.5 B	08
09	4.8 B	6.8	13.2 B	73.2	11.7	2.2	0.84	0.63	2.6	3.1	8.9	25.2	09
10	4.6 B	6.7	10.5 B	59.1	11.7	2.3	1.6	0.62	1.8	2.9	10.0	36.8	10
11	4.7 B	6.7	9.1 B	42.7	11.4	2.0	1.8	0.71	1.2	2.9	10.6	21.3	11
12	4.7 B	6.0 B	8.2 B	35.7	11.6	2.0	1.4	0.81	1.0	3.2	15.1	16.7 B	12
13	4.8 B	6.1 B	8.1 B	32.1	11.6	1.8	0.96	0.72	0.77	4.2	13.2	17.6 B	13
14	5.1 B	5.9 B	8.4 B	28.6	11.5	1.7	1.5	0.68	1.0	5.3	11.2	18.1 B	14
15	5.2 B	5.7 B	7.7 B	26.9	14.6	4.0	5.2	0.61	1.7	5.2	11.2	18.2	15
16	5.1 B	5.6 B	8.3 B	24.4	27.4	3.9	3.2	0.61	5.4	4.7	10.7	18.4	16
17	4.9 B	5.5 B	10.0 B	22.8	22.8	3.8	2.2	0.52	2.9	4.4	10.0	18.0	17
18	4.9 B	5.7 B	14.3 B	21.1	17.6	3.9	1.6	0.56	8.4	4.0	10.4	17.9	18
19	5.2 B	6.4 B	28.1 B	18.6	13.9	2.9	1.9	3.4	6.2	3.9	9.9	10.2	19
20	5.2 B	6.2 B	34.8 B	61.8	11.4	2.6	11.8	1.9	4.0	3.5	16.1	15.3	20
21	5.2 B	7.1	32.2	61.8	9.8	2.3	11.3	1.0	2.9	13.7	17.9	14.6 B	21
22	5.2 B	7.6	26.9	42.4	11.0	2.2	6.2	0.87	2.1	19.7	14.5	13.6	22
23	5.2 B	8.1 B	25.6	33.1	10.7	2.0	4.1	0.81	2.0	13.6	11.8 B	12.9	23
24	5.3 B	6.9 B	32.5	36.3	9.5	1.6	3.0	0.7	2.1	10.6	9.7 B	12.9	24
25	5.3 B	6.2 B	38.9	40.4	10.1	1.8	2.3	0.67	2.5	8.7	9.1	13.2	25
26	5.1 B	5.1 B	37.7	29.6	11.1	1.8	1.9	0.59	7.8	7.5	9.8	13.5	26
27	4.9	4.8 B	36.6 B	24.4	9.1	4.3	1.6	0.56	12.1	6.8	12.3	13.9	27
28	5.0 B	4.5 B	35.3 B	20.5	8.0	2.7	1.3	0.59	7.0	6.0	25.3	14.1	28
29	8.3		22.5 B	18.0	7.2	2.1	1.6	0.6	4.8	5.8	21.9	12.9	29
30	8.1		20.8 B	18.4	6.3	2.0	2.3	1.7	3.9	13.2	17.9	10.7 B	30
31	9.6		19.5 B		5.7		2.1	3.0		33.6		11.7	31
TOTAL	165.3	192.1	597.5	1197.5	395.5	89.2	80.37	33.09	102.09	217.1	423.4	555.6	TOTAL
MEAN	5.33	6.86	19.27	39.91	12.75	2.97	2.59	1.06	3.4	7.0	14.11	17.92	MEAN
AC-FT	327.87	381.03	1185.14	2375.24	784.47	176.92	159.41	65.63	202.49	430.61	839.81	1102.03	AC-FT
MAX	9.6	10.0	38.9	79.6	27.4	5.1	11.8	3.4	12.1	33.6	32.4	50.4	MAX
MIN	4.6	4.5	4.3	18.0	5.7	1.6	0.72	0.52	0.77	2.9	8.9	8.5	MIN

SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 11.1 CFS

TOTAL DISCHARGE, 8030 AC-FT

MAXIMUM DAILY DISCHARGE, 79.6 CFS

MINIMUM DAILY DISCHARGE, 0.52 CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT
3 MILES NORTH OF THE TOWN OF MILTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 15.8 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

REGULATED

MIDDLE OAKVILLE CREEK AT HWY 25 - STATION NO. 02HB201

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	12.6	5.4 B	11.5	20.0	11.1	7.5	7.5	6.4	4.3	2.9	1.4	2.7	01
02	13.1	5.8 B	10.8	34.3	10.5	7.5	7.4	6.3	4.4	3.4	1.1	2.3	02
03	14.6	6.5 B	10.0	50.6	10.4	7.2	7.3	6.3	4.6	3.6	1.6	2.4	03
04	17.3	7.2 B	9.0	53.3	9.9	7.1	7.3	6.3	4.8	3.9	2.0	2.6	04
05	24.0	10.4	9.7	64.6	9.6	7.2	8.0	6.2	4.9	4.2	2.0	2.8	05
06	17.5 B	7.7	9.3	86.5	9.6	7.1	11.3	6.0	5.0	3.7	2.1	4.1	06
07	14.8 B	6.7 B	8.7 B	116.0	8.9	6.1	7.9	6.0	5.0	2.1	2.0	4.4	07
08	14.9 B	6.2 B	8.1 B	156.0	8.5	7.7	7.7	5.9	4.6	1.5	2.0	3.4	08
09	14.9 B	5.6 B	9.1	161.0	8.6	7.0	4.0	5.8	4.1	1.4	2.1	3.9	09
10	15.0 B	5.0 B	9.4	102.0	7.9	6.8	6.4	6.1	4.1	0.99	3.1	5.4	10
11	14.6	4.9 B	9.2	88.6	7.2	7.4	6.4	6.3	4.3	0.91	3.2	4.1	11
12	12.5 B	4.9	8.8	45.3	6.8	7.2	6.4	5.7	4.4	1.8	3.4	2.9	12
13	12.2 B	5.1	8.4	18.1	6.1	12.5	6.4	5.6	4.8	1.8	3.5	2.7	13
14	12.1 B	5.0	8.3	15.4	5.4	11.3	6.4	5.4	4.8	1.3	3.8	2.3	14
15	9.7 B	4.9	19.6	13.6	5.1	9.7	6.1	5.3	4.7	0.98	3.6	8.6	15
16	10.0 B	4.8	16.6	10.3	5.2	8.7		5.4	4.7	1.0	3.3	5.7	16
17	10.1 B	4.8	12.4 B	6.8	5.3	8.0		5.2	4.2	1.3	3.5	3.6	17
18	10.0 B	4.6	14.1 B	6.3	5.8	7.7		5.2	3.4	1.3	3.8	2.8	18
19	9.9 B	4.6	45.7	5.6	6.4	7.8	6.1	5.2	2.6	1.2	4.4	2.4	19
20	9.7 B	8.1	95.6	5.6	6.4	7.9	6.1	5.3	2.0	1.5	3.8	3.1	20
21	9.8 B	10.3	90.0	5.5	6.5	7.8	6.1	5.3	1.5	1.5	3.9	3.2	21
22	9.8 B	9.2	90.3	5.0	6.6	7.5	6.1	5.4	1.6	1.5	3.6	2.4	22
23	9.8 B	11.2	123.0	4.4	6.5	7.5	6.1	5.5	1.9	2.2	3.3	2.2	23
24	9.3 B	10.5	111.0	4.2	6.7	7.5	5.8	5.3	1.8	2.4	3.3	3.8	24
25	8.7 B	9.4	83.9	4.2	7.8	8.6	5.8	5.2	1.6	2.8	3.3	4.2	25
26	8.1 B	9.4	25.5 B	4.2	7.1	7.9	7.5	5.1	1.5	2.3	3.3	4.2	26
27	7.5 B	13.3	13.2 B	5.9	7.1	7.7	7.0	7.5	1.6	2.5	3.7	4.1	27
28	6.5 B	13.1	13.5	11.4	6.8	7.7	6.6	5.0	2.2	1.9	4.0	5.3	28
29	5.4 B		13.8	11.4	7.2	7.5	6.5	4.7	3.2	1.7	3.8	4.6	29
30	5.1 B		13.2	11.1	7.4	7.4	6.5	4.4	2.5	1.4	3.4		30
31	5.2 B		13.5		7.3		6.4	4.3		1.5			31
TOTAL	354.7	204.6	925.2	1127.2	231.7	236.5		173.6	105.1	62.48	91.3	106.2	TOTAL
MEAN	11.44	7.3	29.84	37.57	7.47	7.88		5.6	3.5	2.01	3.04	3.66	MEAN
AC-FT	703.54	405.82	1835.13	2235.8	459.57	409.09		344.33	208.46	123.92	181.09	210.64	AC-FT
MAX	24.0	13.3	123.0	161.0	11.1	12.5		7.5	5.0	4.2	4.4	8.6	MAX
MIN	5.1	4.6	8.1	4.2	5.1	6.1		4.3	1.5	0.91	1.1	2.2	MIN

SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 161.0 CFS

MINIMUM DAILY DISCHARGE, 0.91 CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT
3 MILES NORTH OF THE TOWN OF MILTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 15.8 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

REGULATED

MIDDLE OAKVILLE CREEK AT HWY 25 - STATION NO. 02HB201

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	9.2	4.8	4.4 B	10.0	23.7	6.7	8.1	4.2	5.1	5.3	29.1	20.8	01
02	9.2	4.8	4.7 B	10.4	20.7	6.1	8.1	5.2	5.1	5.1	31.6	18.7	02
03	9.2	4.8	4.8 B	13.1	31.2	5.6	16.7	4.8	5.1	4.7	29.9	18.5	03
04	9.2	4.8	4.7 B	12.1	33.9	6.7	21.6	4.5	5.1	5.6	28.9	13.0	04
05	9.2	4.8 B	4.9 B	49.0 E	24.9	7.7	16.0	4.3	5.1	6.4	28.0	9.2	05
06	9.2	4.6 B	5.3	13.8 E	24.8	7.4	9.4	4.3	5.1	8.2	27.4	19.8	06
07	9.2	4.1 B	6.2	15.8 B	24.9	6.2	6.2	6.5	5.0	8.5	28.0	16.2	07
08	9.2	4.1 B	6.8 B	20.6 B	22.0	5.1	5.5	5.3	6.0	8.1	32.5	17.3	08
09	11.3	4.1 B	5.4 B	21.6	17.3	5.0	5.5	4.8	5.3	8.0	28.2	18.8	09
10	11.3	4.1 B	4.7 B	26.2	14.6	5.1	4.2	5.0	5.2	7.2	29.6	18.8	10
11	10.9	3.5 B	4.7 B	64.1	14.1	5.1	2.8	5.6	5.1	6.7	32.7	18.4	11
12	10.5	4.3 B	5.3	114.0	12.7	5.1	2.7	5.6	5.2	6.8	31.8	21.6	12
13	10.5	4.3	5.7	208.0	9.6	5.1	2.4	5.5	5.3	7.5	25.3	31.6	13
14	10.5	4.3	5.5	202.0	9.7	5.0	5.8	5.4	5.2	8.2	30.3	26.7	14
15	10.0 B	4.6	5.2	189.0	12.5	4.9	10.9	4.8	5.2	8.1	27.9	30.6 B	15
16	9.6 B	4.6	5.1	137.0	14.0	4.9	8.5	5.1	5.2	8.1	18.6	33.3 B	16
17	9.6	4.3 B	7.5	106.0	16.2	5.0	6.9	5.3	5.1	11.6	14.8	33.1 B	17
18	9.6	4.6	7.8	141.0	17.0	4.1	6.9	5.1	5.1	14.4	14.8	29.7 B	18
19	15.0	4.1	6.2 B	86.1	14.8	2.8	6.5	5.1	5.2	14.3	15.1	25.7	19
20	12.0	4.1 B	6.4	74.3	13.4	2.6	6.1	5.1	5.2	14.4	17.1	25.5	20
21	11.5 B	4.1 B	11.4	53.9	13.0	4.9	5.8	5.1	5.2	14.5	18.0	25.4	21
22	12.7	4.3 B	28.6	36.9	12.6	5.4	5.6	5.0	5.1	15.5	17.8	22.4	22
23	16.1	4.3 B	17.4	36.8	10.4	11.2	5.6	5.3	5.1	22.4	17.4	20.6	23
24	12.9	4.8 B	15.6 B	31.6	8.7	22.0	5.5	5.3	5.2	16.7	17.6	20.8	24
25	14.0 B	4.3 B	7.2 B	26.8	7.1	15.6	5.4	5.2	5.2	15.6	18.3	21.1	25
26	12.4 B	4.8 B	5.8 B	25.7	5.6	7.9	4.1	5.2	5.5	15.1	20.7	21.1	26
27	11.9 B	4.8 B	5.8 B	24.9	5.7	7.7	3.1	5.3	5.3	14.9	20.7	20.9	27
28	11.6	4.3	6.0 B	24.6	5.6	6.2	3.9	5.2	5.2	15.0	21.2	20.7	28
29	11.4 B		6.3 B	24.3	5.4	5.4	4.4	5.2	5.3	18.4	21.9	24.0	29
30	11.3 B		7.3	24.3	5.8	8.9	4.2	5.1	6.2	21.8	21.6	27.1	30
31	11.2 B		9.9		6.0		4.2	5.1		29.5		30.2	31
TOTAL	341.4	123.4	232.6	1824.5	457.9	201.4	212.6	158.5	157.2	366.6	716.8	701.6	TOTAL
MEAN	11.01	4.4	7.5	60.81	14.77	6.71	6.85	5.11	5.24	11.82	23.89	22.63	MEAN
AC-FT	677.16	244.76	461.36	3618.89	908.24	399.47	421.69	314.38	311.8	727.15	1421.77	1391.62	AC-FT
MAX	16.1	4.8	28.6	208.0	33.9	22.0	21.6	6.5	6.2	29.5	32.7	33.3	MAX
MIN	9.2	3.5	4.4	10.4	5.4	2.6	2.4	4.2	5.0	4.7	14.8	9.2	MIN

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 15.1 CFS
TOTAL DISCHARGE, 10900 AC-FT
MAXIMUM DAILY DISCHARGE, 208.0 CFS
MINIMUM DAILY DISCHARGE, 2.40 CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT
3 MILES NORTH OF THE TOWN OF MILTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 15.8 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MIDDLE OAKVILLE CREEK AT HWY 25 - STATION NO. 02HB201

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	30.8	20.3	15.0 B	66.1	9.4	21.6	5.7	7.1	4.2	2.0	7.9	20.4	01
02	27.0	48.5	22.7	77.0	9.0	21.0	5.7	7.4	4.1	2.4	11.8	26.3	02
03	27.4 B	59.1	20.7	58.8	12.6	22.0	5.7	5.8	4.2	2.5	11.2	27.1	03
04	30.1	54.9	33.4	49.7	14.5	19.7	6.0	4.9	4.1	2.3	12.7	26.1	04
05	28.4 B	48.3 B	36.9	48.8	13.8	10.1	6.7	4.7	4.1	2.3	11.9	26.9	05
06	25.9 B	43.3	47.6	43.3	12.9	9.6	6.5	4.3	4.1	2.3	10.7	23.4	06
07	25.3 B	42.5	31.7	34.1	12.5	9.3	6.6	4.5	4.1	2.3	9.5	16.2	07
08	18.7 B	41.0 B	28.5	35.0	13.5	8.8	6.5	4.5	4.0	2.3	7.2	15.8	08
09	10.2 B	28.5 B	25.9	34.0	14.0	8.5	6.2	4.4	3.5	2.4	6.9	15.8	09
10	10.4 B	21.9 B	27.9	26.9	13.2	8.4	4.9	4.5	3.4	3.1	6.5	12.5	10
11	9.7 B	21.9 B	42.8	16.5	14.4	6.9	4.9	4.5	2.5	3.1	6.6	6.7	11
12	10.0 B	16.6 B	64.1	12.0	13.7	5.5	4.9	4.4	3.0	3.0	6.1	6.5	12
13	10.4 B	12.3 B	112.0	11.6	13.2	5.4	4.9	4.4	3.3	3.2	5.1	6.7	13
14	10.6 B	13.6 B	177.0	11.2	13.2	5.3	5.3	4.2	3.3	3.2	5.0	6.5	14
15	12.8	14.1 B	180.0	10.9	16.3	5.5	5.0	4.1	3.5	2.6	14.6	6.6 B	15
16	13.5	12.8 B	161.0	11.1	19.1	5.6	4.9	4.2	3.6	1.8	20.0	6.3 B	16
17	13.1	14.4 B	153.0	11.4	19.1	5.7	4.7	4.4	3.1	1.9	25.7	6.2 B	17
18	24.1	15.1 B	110.0	11.1	19.0	6.1	4.7	4.4	2.8	2.0	28.1	5.8	18
19	44.2	14.8 B	65.9	11.1	19.0	5.6	4.7	4.4	2.3	1.8	28.3	4.9	19
20	57.9	13.7 B	47.9	10.7	19.2	5.7	5.4	4.7	2.4	0.61	27.3	4.0	20
21	53.2	12.9	59.4	10.5	19.4	5.6	6.4	4.4	2.4	0.49	26.0	4.5 B	21
22	55.9	12.4 B	51.9	10.8	15.9	5.5	6.3	4.2	2.9	0.49	19.0	4.5 B	22
23	56.2	11.7 B	46.9	10.4	10.2	5.3	6.3	4.2	2.7	0.63	17.9	4.6 B	23
24	52.5	11.8 B	47.1	10.1	10.0	5.6	5.9	4.0	2.4	0.61	20.6	4.7 B	24
25	42.5	11.3 B	47.0	8.7	9.9	5.4	6.3	3.5	2.3	0.52	19.9	5.5	25
26	32.7	11.2 B	45.9	7.3	10.4	5.4	6.5	3.4	2.2	0.47	19.9	8.6	26
27	32.2	12.2 B	40.8	8.1	10.2	5.5	6.7	4.0	2.3	0.58	19.8	18.6	27
28	32.0 B	11.4 B	37.5	11.3	19.9	7.2	6.2	4.3	2.3	1.2	28.2	27.4	28
29	27.3 B		38.9	8.8	25.5	6.5	6.0	4.2	2.2	5.9	33.2	51.9	29
30	20.6 B		40.2	8.5	29.9	5.9	5.6	4.2	2.1	7.8	32.8	49.3	30
31	13.3		39.2		21.9		4.8	4.2		5.8		41.1	31
TOTAL	858.9	652.5	1898.8	685.8	474.8	254.4	176.9	140.4	93.4	71.6	503.4	499.4	TOTAL
MEAN	27.7	23.3	61.25	22.86	15.31	8.48	5.7	4.52	3.11	2.3	16.78	16.1	MEAN
AC-FT	1703.62	1294.23	3766.26	1360.28	941.76	504.6	350.88	278.48	185.25	142.01	998.49	990.55	AC-FT
MAX	57.9	59.1	180.0	77.0	29.9	22.0	6.7	7.4	4.2	7.8	33.2	51.9	MAX
MIN	9.7	11.2	15.0	7.3	9.0	5.3	4.7	3.4	2.1	0.47	5.0	4.0	MIN

SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 17.3 CFS
TOTAL DISCHARGE, 12500 AC-FT
MAXIMUM DAILY DISCHARGE, 180.0 CFS
MINIMUM DAILY DISCHARGE, 0.47 CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT
3 MILES NORTH OF THE TOWN OF MILTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 15.8 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	24.9 B	30.0 B	20.6	18.0	9.2	9.2	9.5	4.5	5.6	4.2	1.4	4.8	01
02	24.3 B	29.2 B	18.5	25.3	8.4	8.9	8.9	4.3	5.5	4.2	1.4	4.9	02
03	21.9 B	28.8 B	24.7	26.2	8.4	8.7	8.9	4.0	5.7	4.1	1.5	4.7	03
04	15.1 B	28.4 B	45.8	79.1	8.4	8.6	8.8	4.0	5.5	4.1	1.5	3.7 B	04
05	15.2 B	27.9 B	101.0	92.4	8.7	8.4	8.5	4.1	5.6	3.8	1.8	3.7 B	05
06	15.2 B	24.0	129.0	74.4	9.9	8.3	8.0	3.7	5.6	3.8	1.9	4.5	06
07	15.2 B	11.4 B	172.0	55.0	8.9	8.3	8.0	3.1	5.6	3.8	1.6	4.5	07
08	15.1 B	11.3 B	201.0	49.5	9.5	8.2	7.3	2.9	5.4	3.8	1.5	5.0	08
09	15.2 B	11.3 B	188.0	37.2	31.7	8.2	6.1	2.9	5.4	3.8	1.5	5.0	09
10	15.3	11.5 B	128.0	35.3	34.0	7.4	6.0	2.6	5.1	3.8	1.5	4.7	10
11	15.0 B	11.6	45.0	34.8	32.7	6.3	5.9	2.6	5.1	3.8	1.5	4.6	11
12	14.9 B	11.4	43.8	35.8	50.2	6.1	5.8	3.0	5.3	3.8	1.9	5.2	12
13	15.0 B	12.5	38.3	36.3	51.7	6.5	5.9	3.2	5.2	3.8	1.7	5.2	13
14	15.1	13.5 B	25.8	41.4	51.4	6.6	5.9	3.7	5.1	4.1	1.9	4.9	14
15	14.6	13.2 B	25.8	37.2	54.6	7.8	6.0	3.7	5.1	3.5	1.7	4.7	15
16	13.6	12.9 B	25.9	35.6	107.0	7.6	5.7	4.6	5.2	1.7	1.7	4.7	16
17	12.4 B	12.7	25.8	32.6	421.0	6.3	5.8	4.6	5.3	1.7	1.6	4.8	17
18	12.7 B	12.6 B	25.2	27.4	163.0	6.8	5.7	4.5	5.1	1.7	1.7	4.7	18
19	12.7 B	14.7	21.8	26.9	123.0	18.9	5.7	4.5	4.6	1.7	1.7	4.6	19
20	14.9 B	16.9	16.7	26.7	117.0	27.6	5.9	4.5	4.5	1.7	6.2	4.5	20
21	18.5	24.9	16.7	27.0	70.2	22.0	5.9	4.7	4.5	1.7	7.3	4.4	21
22	23.5	55.5	16.5	28.5	55.1	21.3	5.4	5.3	4.4	1.6	5.1	4.4	22
23	30.9	37.9 B	16.4	23.3	22.2	16.8	5.0	5.5	4.3	1.6	4.8	4.5	23
24	34.5	18.9 B	16.3	17.2	21.9	16.4	4.9	5.6	4.3	1.4	5.2	4.7	24
25	29.4	16.9	15.9 B	9.3	21.5	12.0	4.9	5.2	4.2	1.4	5.2	4.5	25
26	20.5	16.7 B	15.9	9.1	21.1	10.6	5.1	5.2	4.0	1.4	4.6	4.4 B	26
27	75.1	16.3	16.0	8.8	21.6	10.0	4.8	5.5	4.0	1.4	4.4	4.4	27
28	88.9	18.7	16.1	8.8	21.7	9.5	4.7	5.5	4.1	1.4	4.2	4.4	28
29	107.0		15.9	9.2	22.0	10.5	5.1	5.5	4.4	1.4	4.3	4.4	29
30	104.0		16.4	9.2	18.2	10.2	5.0	5.4	4.1	1.5	4.9	4.5	30
31	87.5		18.1		9.7		5.1	5.5		1.5		4.7	31
TOTAL	938.6	551.6	1502.9	977.5	1613.9	324.0	194.2	133.9	147.8	83.2	87.2	142.7	TOTAL
MEAN	30.27	19.7	48.48	32.53	52.06	10.8	6.26	4.31	4.92	2.68	2.9	4.6	MEAN
AC-FT	1861.71	1094.09	2981.0	1938.87	3201.17	642.65	385.19	265.59	293.16	165.02	172.96	283.04	AC-FT
MAX	107.0	55.5	201.0	92.4	421.0	27.6	9.5	5.6	5.7	4.2	7.3	5.2	MAX
MIN	12.7	11.3	15.9	8.8	8.4	6.1	4.7	2.6	4.0	1.4	1.4	3.7	MIN

SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 18.3 CFS
TOTAL DISCHARGE, 13300 AC-FT
MAXIMUM DAILY DISCHARGE, 421.0 CFS
MINIMUM DAILY DISCHARGE, 1.40 CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT
3 MILES NORTH OF THE TOWN OF MILTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 15.8 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

MIDDLE OAKVILLE CREEK AT HWY 25 - STATION NO. 02HB201

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.9	5.9 B	42.7	17.7	6.6	5.5	5.2	3.9	5.9	4.1	4.4	5.9	01
02	3.5	5.3 B	42.5	19.2	6.4	5.2	5.1	4.0	5.0	4.1	4.5	5.5	02
03	3.3	5.2 B	47.1	19.4	6.2	5.3	5.0	4.3	4.7	4.1	4.8	5.5	03
04	3.3	5.2 B	12.9	19.1	7.0	5.4	4.9	4.5	4.6	4.3	5.1	5.3	04
05	3.3	5.0 B	12.7	19.0	7.3	6.0	4.9	4.5	4.5	4.3	4.6	5.7	05
06	3.2	5.0 B	12.0	18.8	29.2	5.7	5.0	4.3	4.5	4.3	4.5	8.0	06
07	3.1	4.9 B	14.2	19.7	50.3	5.4	4.8	4.1	4.4	4.5	4.4	6.4	07
08	3.4	4.9 B	18.6	20.6	53.0	5.4	4.8	4.1	4.5	4.5	4.5	6.0	08
09	5.9	5.0 B	28.2	17.5	43.5	5.2	4.7	4.1	4.2	4.6	4.4	5.9	09
10	5.8	5.2 B	25.2	14.5	22.1	5.1	5.3	4.1	4.0	4.6	7.2	5.8	10
11	7.9	5.3 B	22.0	15.3	21.7	5.3	5.0	4.2	4.5	4.0	5.7	6.5	11
12	6.5	5.5 B	23.3	15.0	19.2	6.2	5.0	4.2	4.9	4.6	5.5	8.0	12
13	5.5	5.5 B	23.7	14.9	6.6	5.5	5.0	4.2	4.5	4.2	5.2	8.0	13
14	5.1	5.7 B	22.4	15.2	6.4	5.3	5.1	4.2	4.4	4.4	4.9	11.0	14
15	4.8	5.8	24.5	15.5	6.3	5.3	4.8	4.3	4.3	4.4	4.7	14.1	15
16	4.7	5.8	25.0	15.8	6.2	5.4	4.8	4.4	4.3	4.4	4.5	12.3	16
17	5.3	6.1	28.5	16.2	6.2	5.2	4.6	4.4	4.3	4.5	4.5	11.6	17
18	5.3	7.0	53.9	28.0	5.8	5.2	4.5	4.4	5.2	4.8	4.4	11.1	18
19	5.2	6.7	84.6	87.8	5.7	11.2	4.5	4.4	7.2	4.7	4.4	10.9	19
20	5.5	6.4	85.7	53.1	5.7	7.8	4.6	4.3	5.8	6.1	4.4	10.4	20
21	5.3	7.8	86.3	28.7	5.7	6.9	4.6	4.2	5.3	5.1	4.7		21
22	5.2	13.1	84.7	23.2	5.6	6.3	4.5	4.3	5.0	4.9	4.6		22
23	5.3	17.2	68.1	25.9	5.5	6.0	4.6	4.4	4.7	4.6	4.6		23
24	5.1	50.8	54.7	34.3	5.4	6.0	4.6	7.1	4.4	4.4	4.6		24
25	6.2	78.9	38.3	30.8	5.5	5.8	4.6	4.8	4.4	4.4	4.7		25
26	6.3	62.8	31.9	30.3	5.5	5.6	4.6	4.6	4.4	4.3	4.7		26
27	5.7	44.6	26.7	29.9	5.4	5.5	4.6	4.5	4.3	4.3	5.1		27
28	5.4	43.5	26.3	24.1	5.2	5.5	4.4	4.5	4.1	4.4	5.5		28
29	10.6		27.0	16.8	5.2	5.4	4.0	4.9	4.0	4.5	5.4		29
30	6.9		26.8	11.9	5.2	5.3	3.7	5.0	3.9	4.3	6.1		30
31	6.6		21.1		5.4		3.8	5.0		4.2			31
TOTAL	163.1	430.1	1141.6	718.2	381.0	174.9	145.6	138.2	140.2	139.5	140.6		TOTAL
MEAN	5.26	15.36	36.82	23.94	12.29	5.63	4.69	4.45	4.67	4.5	4.88		MEAN
AC-FT	323.5	853.1	2264.36	1424.54	755.71	346.91	288.79	274.11	278.08	276.64	290.78		AC-FT
MAX	10.6	78.9	86.3	87.8	53.0	11.2	5.3	7.1	7.2	6.1	7.2		MAX
MIN	3.1	4.9	12.0	11.9	5.2	5.1	3.7	3.9	3.9	4.1	4.4		MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 87.8 CFS
MINIMUM DAILY DISCHARGE, 3.10 CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT
3 MILES NORTH OF THE TOWN OF MILTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 15.8 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01					15.0 E	7.4	8.2 E	5.9	7.3	126.0	3.8	39.1	01
02					13.0 E	7.3	7.0 E	5.6	7.4	99.9	5.3	33.2	02
03					11.0 E	7.3	7.0 E	5.7 E	7.3	70.0	6.7	30.5	03
04					10.7	7.0	7.0 E	6.0 E	7.1	44.4	4.3	29.7	04
05					10.9	7.0	6.3 E	6.0 E	7.2	33.2	9.5	35.5	05
06					10.5	7.6	10.0 E	6.0 E	7.2	16.9	9.7	43.1	06
07					10.5	7.3	7.4	6.6 E	7.3	16.7	16.5	42.5	07
08					8.8	7.1	6.9	6.9 E	7.3	19.7	20.1	42.6	08
09					8.2	7.1	6.2	10.2 E	7.2	38.8	17.6	42.2	09
10					8.2	7.0	6.0	7.1 E	7.8	50.6	20.9	41.3	10
11					8.2	6.9	5.9	7.4 E	7.5	42.7	21.7	41.1	11
12					8.1	6.8	6.0	7.0 E	7.3	42.0	28.8	35.4	12
13					7.9	7.1	5.8	6.3	8.9	41.6	28.5	19.0	13
14					7.9	7.0	5.8	6.8	8.7	34.5	28.0	25.2	14
15					7.9	6.7	5.9	6.5	8.0	21.0	19.9	26.0	15
16					7.9	6.4	5.9	7.9	9.0	21.7	29.5	31.0	16
17					8.1	6.4	5.8	7.8	8.7	21.4	30.7	35.6	17
18					8.1	6.7	5.7	7.1	9.2	21.1	30.2	35.8	18
19					8.1	6.5	5.6	7.1	9.1	20.6	29.6	39.8	19
20					8.0	6.3	5.6	7.1	10.0	20.7	29.7	37.7	20
21					7.9	6.2	5.8	7.2	9.2	20.4	29.6	36.5	21
22					8.0	6.2	5.7	8.3	8.7	20.3	29.0	38.2	22
23					7.8	6.1	5.8	7.4	6.4	20.1	30.3	40.6	23
24					8.3	6.1	5.8	7.4	19.8	19.1	30.6	40.2	24
25					8.1	7.2	5.5	7.2	23.7	15.5	29.9	44.0	25
26					7.6	6.7	5.4	7.2	36.6	15.4	29.9	40.8	26
27					7.5	6.3	5.4	7.3	78.5	15.3	29.1	39.5	27
28					7.4	6.2	5.4	7.4	95.0	15.1	29.2	38.4	28
29					7.3	6.8	5.6	7.3	75.1	15.2	29.0	38.3	29
30					7.2	7.0 E	5.5	7.2	95.1	15.3	29.1	38.1	30
31					7.1		6.0	7.2		10.9		37.6	31
TOTAL					271.2	203.7	191.9	218.1	607.6	986.1	688.9	1138.7	TOTAL
MEAN					8.74	6.79	6.19	7.03	20.25	31.8	22.96	36.73	MEAN
AC-FT					537.92	404.03	380.63	432.6	1205.17	1955.92	1366.43	2258.51	AC-FT
MAX					15.0	7.6	10.0	10.2	95.1	126.0	30.7	44.0	MAX
MIN					7.1	6.1	5.4	5.6	6.4	10.9	3.8	19.0	MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT
3 MILES NORTH OF THE TOWN OF MILTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 15.8 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MIDDLE OAKVILLE CREEK AT DRUMQUIN - STATION NO. 02HB203

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01												11.0	01
02												5.8	02
03												5.6	03
04												3.5	04
05												3.3	05
06												0.9	06
07												210.0	07
08												175.0	08
09												56.5	09
10												476.0	10
11												171.0	11
12												42.2	12
13												27.0	13
14												21.4	14
15											4.0	18.3	15
16											3.9	17.1	16
17											3.7	10.9	17
18											3.3	18.5	18
19											3.2	15.8 B	19
20											2.8	12.2 B	20
21											2.6	10.2 B	21
22											2.7	8.7 B	22
23											2.9	7.5 B	23
24											2.8	7.3 B	24
25											4.0	7.1 B	25
26											6.7	7.1 B	26
27											5.2	6.9 B	27
28											9.0	6.8	28
29											29.4	7.0	29
30											20.7	7.4	30
31												7.6 B	31
TOTAL												1400.2	TOTAL
MEAN												45.16	MEAN
AC-FT												2777.29	AC-FT
MAX												476.0	MAX
MIN												3.3	MIN

SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFS

LOCATION: ABOVE THE CONFLUENCE WITH EAST OAKVILLE CREEK
AT THE COMMUNITY OF DRUMQUIN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 46.8 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	13.9 B	35.3	16.6 B	156.0	17.5	7.2	55.7	3.7	3.7	0.1	10.3	7.5 B	31
02	12.2 B	33.9	16.3 B	139.0	43.1	7.1	308.0	3.3	3.2	4.0	99.7	9.5 B	30
03	11.6 B	30.4 B	16.1 B	838.0	39.5	6.3	174.0	3.1	2.1	3.1	00.9	13.3 B	29
04	11.3 B	32.3 B	16.1 B	187.0	28.3	6.3	67.0	3.4	1.4	2.7	33.3	9.5 B	28
05	11.1 B	31.4 B	16.3 B	116.0	22.8	5.5	40.1	3.3	1.4	2.3	22.0	8.5 B	27
06	10.7 B	23.9 B	16.3 B	382.0	20.0	5.5	29.2	3.3	1.2	1.9	16.7	11.0 B	26
07	11.1 B	29.7 B	16.1 B	334.0	29.5	5.8	21.1	4.1	1.2	2.0	14.7	12.0 B	25
08	11.1 B	29.0 B	15.1 B	233.0	85.4	4.4	17.0	3.9	1.2	2.0	12.4	35.3 B	24
09	11.1 B	28.6 B	15.8 B	91.1 E	50.5	49.7	12.2	4.7	1.1	2.5	11.7	26.2 B	23
10	11.4 B	28.6 B	18.5 B	204.0 E	33.5	87.1	10.0	7.4	1.2	2.9	11.7	10.5 B	22
11	10.4	29.0 B	80.0 B	93.4	34.2	315.0	44.0	5.2	1.2	2.4	11.1	26.2 B	21
12	9.4	29.2 B	600.0 B	65.1	57.0	76.6	45.6	4.2	1.2	2.3	13.6	193.0 B	20
13	11.1	28.6 B	520.0 B	55.4	33.1	38.9	21.0	3.9	1.2	2.2	16.2	103.0 B	19
14	11.1	29.2	339.0 B	52.6	24.5	25.1	14.4	3.4	1.1	2.2	15.1	28.1 B	18
15	11.7	38.5	554.0 B	93.8	22.1	19.5	11.9	2.8	1.1	2.3	11.7	16.7 B	17
16	10.4 B	118.0 B	289.0 B	55.2	19.1	15.9	10.4	2.4	1.1	8.0	10.0	13.3 B	16
17	10.1 B	79.8 B	82.1 B	86.3	16.3	14.4	9.4	2.2	1.2	20.7	10.0	15.0 B	15
18	9.7 B	60.0 B	74.4 B	98.4	14.8	24.9	8.5	2.2	1.2	150.0	11.7	14.7 B	14
19	9.4 B	48.0 B	47.9 B	54.4	15.4	41.1	9.0	2.8	1.1	72.2	23.0	60.2 B	13
20	9.4 B	39.7 B	52.1 B	40.1	13.0	11.0	13.4	3.4	1.1	23.2	16.2	29.9 B	12
21	8.9	34.4 B	55.0 B	36.0	11.1	12.6	8.5	3.5	1.7	12.5	11.4	103.0 B	21
22	9.4	34.4 B	71.7	99.1	12.1	69.8	7.2	3.3	4.8	9.2	11.1	1050.0 B	22
23	20.2	19.3 B	97.1	57.2	11.4	65.3	6.4	2.9	2.5	7.2	22.3	102.0 B	23
24	60.0 B	16.7 B	195.0	38.8	10.5	32.6	5.1	2.4	1.9	6.3	25.4	67.3 B	24
25	132.0 B	16.3 B	463.0	31.6	10.3	22.3	5.3	2.2	1.8	5.8	17.6	44.1 B	25
26	84.3 B	15.6 B	803.0	27.5	9.0	18.2	4.7	2.4	1.6	5.6	16.2	30.3 B	26
27	322.0 B	14.4 B	1010.0 B	24.3	8.8	14.1	4.1	5.1	1.5	5.9	14.7 B	21.0 B	27
28	201.0 B	12.8	538.0 B	21.6	9.8	11.5	4.0	37.4	2.5	22.2	12.1 B	17.0 B	28
29	79.9 B		465.0	19.7	8.5	31.5	3.9	9.6	23.8	14.9	11.7 B	20.7 B	29
30	38.5		240.0	17.9	7.4	58.7	3.6	5.6	9.8	12.3	11.4 B	14.0 B	30
31	37.5		156.0		6.5		3.6	4.6		9.9		13.8 B	31
TOTAL	1211.9	967.0	6895.5	3748.5	705.6	1119.9	976.9	151.7	81.1	432.8	590.9	2133.0	TOTAL
MEAN	39.09	34.53	222.43	124.95	22.76	37.33	31.51	4.89	2.7	13.96	19.69	68.8	MEAN
AC-FT	2403.8	1918.04	13677.22	7435.14	1399.55	2221.32	1937.68	300.89	160.86	858.45	1172.05	4233.3	AC-FT
MAX	322.0	118.0	1010.0	838.0	85.4	315.0	306.0	37.4	23.8	150.0	99.7	1050.0	MAX
MIN	8.9	12.8	15.1	17.9	6.5	5.5	3.6	2.2	1.1	1.9	10.0	8.8	MIN

SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, 52.1 CFS
TOTAL DISCHARGE, 37700 AC-FT
MAXIMUM DAILY DISCHARGE, 1050 CFS
MINIMUM DAILY DISCHARGE, 1.1 CFS

LOCATION: ABOVE THE CONFLUENCE WITH EAST OAKVILLE CREEK
AT THE COMMUNITY OF DRUMQUIN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 46.8 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

MIDDLE OAKVILLE CREEK DRUMQUIN - STATION NO. 02HB203

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	13.2 B	369.0	92.4	47.5	10.3	20.6 E	11.2	1.7	3.7	6.8	8.0	67.3	01
02	13.0 B	928.0	92.0 B	38.7	9.9	18.2 E	6.6	1.9	4.0	6.6	7.8	64.5	02
03	12.7 B	662.0 B	90.0 B	38.6	11.0	15.5 E	7.7	2.2	7.2	7.5	7.6	100.0	03
04	12.1 B	207.0 B	90.0 B	11.8	14.1	13.8 E	7.7	2.3	5.6	10.4	7.8	160.0	04
05	11.5 B	124.0 B	87.0	12.0	13.8	12.2 E	7.5	2.0	6.2	8.6	7.6	120.0	05
06	11.1 B	97.1 B	90.0	77.0	11.4	10.3 E	15.6	3.6	50.8		7.5	77.2	06
07	11.1 B	82.3 B	90.0	57.0	10.8	9.1 E	10.0	9.9	37.2	7.6	8.6	57.4	07
08	10.9 B	71.7 B	57.7	43.3	10.7	8.3 E	8.1	7.2	21.1	7.6	12.0	32.0	08
09	10.7 B	63.0 B	503.0	34.1	11.4	7.8 E	6.4	7.2	17.3	8.4	12.0	23.2	09
10	10.2 B	50.1 B	408.0	27.5	29.9	7.2	7.1	5.3	14.3	7.5	10.8	21.0	10
11	10.2 B	42.2 B	140.0	27.5	19.5	7.0	6.8	3.9	14.9	7.0	10.1	19.6	11
12	10.2 B	33.4 B	75.0 B	24.3	29.2	8.5	6.3	3.4	16.0	6.8	9.1	20.4	12
13	10.2 B	28.8 B	50.3 B	21.0	39.0	85.5	5.6	2.9	20.3	6.6	8.2	26.5	13
14	10.2 B	24.0 B	43.8 B	19.1	23.8	7.3	1.1	2.8	16.2	6.3	8.0	25.5	14
15	10.5 B	20.3 B	41.5 B	17.3	27.5	6.6	4.0	2.5	13.8	5.7	33.1	16.4	15
16	11.9 B	16.7 B	495.0	16.1	44.3	6.2	3.8	2.4	11.4	5.5	26.0	15.0	16
17	11.5 B	15.0 B	755.0	14.4	60.7	6.1	3.2	2.5	9.5	5.3	40.2	16.1	17
18	11.0 B	14.2 B	511.0	12.2	34.2	5.8	3.1	2.5	6.8	5.0	106.0	14.1	18
19	11.2 B	13.3 B	365.0	12.1	25.3	5.1	3.0	2.6	6.6	9.8	42.0	13.7	19
20	10.9 B	12.9 B	279.0	12.0	42.1	5.9	3.2	5.5	6.4	12.6	29.5	14.9	20
21	10.7 B	12.6 B	282.0	11.6	34.9	5.4	3.0	6.4	6.4	13.8	28.3	15.5	21
22	10.3 B	12.2 B	169.0	11.0	28.3	6.6	2.6	5.3	6.4	12.0	31.5	16.0	22
23	10.0 B	11.9 B	180.0	11.1	22.5	8.2	2.3	55.0	7.0	9.8	29.0	21.4	23
24	9.6 B	11.6 B	97.0	15.3	18.5	6.6	2.1	33.4	7.1	8.9	25.0	20.7	24
25	10.9 B	11.3 B	145.0	15.3	15.8	7.8	2.0	20.4	8.2	9.1	22.5	16.1	25
26	10.9 B	11.3 B	245.0	13.7	13.7	26.4	2.0	12.2	7.5	11.0		13.0	26
27	10.6 B	10.3 B	205.0	12.3	11.9	17.1	2.0	8.6	7.3	11.7	39.8	11.6	27
28	11.2 B	9.9	171.0	11.2	12.5	12.1	2.0	7.3	7.5	10.8	108.0	11.5	28
29	11.2 B	9.6	125.0	10.4	22.7	9.3	1.9	6.0	7.3	9.9	575.0	11.3	29
30	480.0		89.6	10.5	28.5		1.7	5.2	7.1	9.3	115.0	11.3	30
31	298.0		56.9		24.4 E		1.6	4.5		8.4		11.1	31
TOTAL	1097.7	2975.7	6121.2	685.9	712.6	366.5	151.2	238.6	361.1	256.3	1376.0	1064.3	TOTAL
MEAN	35.4	102.61	197.45	22.86	22.98	12.63	4.87	7.69	12.03	8.54	47.44	34.33	MEAN
AC-FT	2177.28	5902.3	12141.4	1300.48	1413.44	726.95	299.9	473.26	716.24	508.37	2729.29	2111.03	AC-FT
MAX	480.0	928.0	755.0	77.0	60.7	85.5	15.6	55.0	50.8	13.8	575.0	160.0	MAX
MIN	9.6	9.6	41.5	10.4	9.9	5.1	1.1	1.7	3.7	5.0	7.5	11.1	MIN

SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 42.4 CFS
TOTAL DISCHARGE, 30600 AC-FT
MAXIMUM DAILY DISCHARGE, 928 CFS
MINIMUM DAILY DISCHARGE, 1.1 CFS

LOCATION: ABOVE THE CONFLUENCE WITH EAST OAKVILLE CREEK
AT THE COMMUNITY OF DRUMQUIN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 46.8 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

MIDDLE OAKVILLE CREEK AT DRUMQUIN -- STATION NO. 02HB203

8

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	11.0 B	160.0	12.7	52.3	30.0	11.8	4.4	14.0	3.0	2.6	6.0	15.2	01
02	10.8 B	96.0	12.2	67.3	27.1	13.0	3.6	22.5	2.9	2.6	20.8	12.4	02
03	10.7 B	72.5	12.0	117.0	25.0	14.9	3.5	37.6	2.9	2.7	19.5	15.0	03
04	10.6 B	53.0	11.8	96.8	24.0	15.4	3.7	18.3	2.8	2.7	14.9	13.7	04
05	10.5 B	51.9	11.6	105.0	22.2	14.5	2.7	9.6	2.8	2.7	12.5	13.2	05
06	10.5 B	49.2		252.0	21.8	13.5	3.3	7.1	2.8	2.7	11.1	12.9	06
07	10.2 B	39.9	11.4	124.0	20.7	12.8	3.4	6.4	2.8	2.7	10.4	13.1	07
08	10.1 B	36.2	11.1	86.3	28.0	11.8	2.7	6.4	2.8	2.8	9.7	19.3	08
09	9.8 B	33.3	10.8	89.8	39.5	10.8	2.3	5.5	2.8	2.8	9.7	24.5	09
10	9.7 B	30.5	10.6	107.0	45.2	9.6	2.9	4.3	2.7	2.7	9.5	22.4	10
11	9.2 B	28.7	10.4	86.1	66.3	8.9	2.8	3.5	2.7	2.6	10.3	23.5	11
12	9.2 B	27.1	10.1	68.2	51.5	8.3		3.5	2.8	2.7	11.1	23.5	12
13	9.2 B	25.6	9.3	56.0	34.1	7.3		3.4	2.6	3.2	12.6	23.5	13
14	9.1 B	24.5	11.6	49.2	31.0	7.3		3.0	2.6	7.7	12.3	23.5	14
15	9.0 B	22.4	45.0	46.0	25.5	7.3	2.2	3.2	2.5	5.8	12.6	22.8	15
16	9.0 B	21.1	224.0	50.1	21.8	8.3	2.0	22.1	2.5	6.3	11.5	20.9	16
17	9.0 B	19.2	433.0	184.0	19.1	5.5	1.9	643.0	2.7	8.1	11.3	19.9	17
18	27.5 B	18.3	516.0	586.0	76.4	5.8	0.85	151.0	2.7	8.7	13.1	20.2	18
19	59.9 B	17.6	448.0	347.0	287.0	8.9	1.1	32.8	2.6	8.3	29.7	20.2	19
20	44.1 B	17.1	342.0	94.4	83.0	9.1	1.6	15.2	2.7	11.0	86.0	19.2	20
21	82.0	16.5	491.0	60.2	45.1	8.5	1.6	9.2	2.8	10.4	48.2	17.6	21
22	61.0	16.1	278.0	57.1	37.2	7.0	1.9	4.6	2.8	8.8	25.5	16.8	22
23	82.0	15.6	252.0	60.1	32.0	7.0	2.4	3.7	2.8	8.9	19.3	15.8	23
24	108.0	14.9	248.0	70.5	27.2	8.5	3.6	3.4	3.4	8.5	18.8	14.7	24
25	153.0	14.7	379.0	46.2	24.1	8.3	18.1	3.3	4.9	8.1	17.8	14.7	25
26	101.0	14.4	349.0	37.2	23.0	7.3	10.4	3.3		8.3	17.3	14.5	26
27	81.5	13.8	220.0	34.2	20.3	6.3	12.8	3.2		8.4	16.1	14.2	27
28	65.1	13.3	195.0	35.1	18.3	5.5	48.0	3.0		8.4	15.8	13.9	28
29	61.0		255.0	41.4	16.1	5.0	92.1	3.0		6.4	15.3	13.9	29
30	583.0		184.0	34.2	13.8	4.5	38.4	3.2		5.2	15.0	13.5	30
31	918.0		157.0		12.4		19.4	3.2		5.6		13.5	31
TOTAL	2614.7	963.4	5161.6	3151.2	1248.7	272.7		1055.5		178.4	543.7	542.0	TOTAL
MEAN	84.34	34.4	172.05	105.04	40.28	9.09		34.04		5.75	18.12	17.48	MEAN
AC-FT	5186.25	1910.9	10238.03	6250.4	2476.79	540.9		2093.58		353.85	1078.42	1079.05	AC-FT
MAX	918.0	160.0	516.0	586.0	247.0	15.4		643.0		11.0	86.0	24.5	MAX
MIN	9.0	13.3	9.3	34.2	12.4	4.5		3.0		2.6	6.0	12.4	MIN

SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 918 CFS
MINIMUM DAILY DISCHARGE, 0.9 CFS

LOCATION: ABOVE THE CONFLUENCE WITH EAST OAKVILLE CREEK
AT THE COMMUNITY OF DRUMQUIN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 46.8 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

MIDDLE OAKVILLE CREEK AT DRUMQUIN -- STATION NO. 02HB203

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	8.4	18.6 B	11.1 B	31.5	34.3	10.9	3.5	4.4	4.3	6.9	65.2	33.7	01
02	7.6 B	26.2 B	10.3 B	140.0	28.2	10.3	2.8	3.8	2.8	7.0	55.2	27.1	02
03	6.4 B	26.7 B	9.9 B	266.0	24.7	10.1	2.4	3.3	2.3	6.9	30.0	23.4	03
04	5.8 B	18.8 B	20.7 B	169.0	22.2	9.2	2.6	2.5	2.0	7.8	27.3	186.0	04
05	5.5 B	14.9 B	57.0 B	92.0	21.5	8.1	2.4	2.3	6.5	8.0	20.2	79.5	05
06	5.5 B	13.0 B	51.0 B	85.9	18.4	7.7	2.1	1.9	5.5	7.7	17.9	48.3	06
07	5.5 B	11.9 B	53.3 B	86.1	17.7	6.9	1.8	1.6	3.7	8.0	16.4	32.6	07
08	5.5 B	11.8 B	40.1 B	86.2	18.2	7.1	1.6	1.5	2.6	6.0	14.5	24.9	08
09	5.5 B	11.8 B	30.9 B	92.9	18.2	5.7	1.4	1.3	5.5	6.6	13.7	50.0	09
10	5.6 B	11.4 B	24.5 B	78.9	17.3	4.9	1.9	1.3	3.9	6.7	14.0	83.9	10
11	6.0 B	10.8 B	20.8 B	62.5	17.5	4.6	3.9	1.3	2.6	6.6	16.8	65.5	11
12	6.2 B	10.4 B	19.5 B	51.1	17.2	4.4	3.0	1.0	2.2	6.7	23.6	44.8	12
13	6.4 B	10.0 B	18.8 B	46.8	17.2	3.9	2.1	1.1	1.7	7.8	28.4	42.3	13
14	6.7 B	9.7 B	19.3 B	43.2	18.1	3.7	3.2	1.4	2.1	10.4	16.3	39.8	14
15	7.0 B	9.5 B	17.7 B	39.9	25.0	5.6	10.2	1.3	3.6	10.0	13.8	37.5	15
16	8.0 B	9.5 B	19.3 B	37.3	61.2		6.9	1.3	4.8	9.4	14.2	36.4	16
17	8.6 B	9.5 B	23.4 B	34.9	59.1		4.9	1.1	6.3	7.8	12.8	38.3	17
18	8.2 B	10.9 B	34.0 B	33.2	38.1		3.5	1.2	17.2	7.4	13.1	37.9	18
19	8.4 B	10.7 B	65.0 B	32.0	30.0		4.1	4.0	14.2	7.2	12.8	44.0	19
20	9.0 B	9.7 B	81.6 B	134.0	20.4		12.0	7.2	8.5	6.8	24.1	89.0	20
21	11.0 B	9.9 B	75.2 B	85.2	17.0		22.1	2.1	6.3	14.8	53.4	63.2	21
22	14.0 B	20.6 B	63.2 B	84.3	17.0		18.7	1.8	4.5	41.8	30.3	43.0	22
23	16.0 B	46.8 B	59.1 B	63.4	18.4		8.8	1.7	4.3	24.2	23.0	34.4	23
24	17.0 B	48.0 B	73.2 B	79.1	16.7		6.5	1.5	4.5	18.1	17.5	30.4	24
25	15.0 B	35.0 B	89.5 B	110.0	16.9		5.3	1.4	5.4	14.4	16.1	27.0	25
26	13.0 B	19.9 B	87.1	58.0	34.5		4.1	1.2	6.5	13.0	16.8	26.8	26
27	13.0 B	15.0 B	85.0	42.5	19.5		3.5	1.2	6.8	11.9	17.9	26.3	27
28	13.0 B	12.8 B	52.5	37.1	16.7		2.8	1.2	8.2	10.8	58.1	25.2	28
29	14.0 B		48.2	32.0	15.3	4.6	2.8	1.5	10.3	9.7	68.8	23.2	29
30	17.9 B		34.0	29.4	13.9	4.4	2.9	3.5	9.3	12.9	45.1	21.2	30
31	21.2 B		28.3		12.5		3.5	6.4		66.5		20.5	31
TOTAL	300.9	473.8	1324.0	2264.4	722.9		157.3	68.3	168.4	389.8	795.3	1406.7	TOTAL
MEAN	9.7	16.92	42.7	75.48	23.31		5.07	2.2	5.61	12.57	26.51	45.37	MEAN
AC-FT	596.83	939.78	2626.15	4491.43	1433.87		312.0	135.47	334.02	773.16	1577.47	2790.18	AC-FT
MAX	21.2	48.0	89.5	266.0	61.2		22.1	7.2	17.2	66.5	68.8	186.0	MAX
MIN	5.5	9.5	9.9	29.4	12.5		1.4	1.0	1.7	6.0	12.8	20.5	MIN

SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 266 CFS
MINIMUM DAILY DISCHARGE, 1.0 CFS

LOCATION: ABOVE THE CONFLUENCE WITH EAST OAKVILLE CREEK
AT THE COMMUNITY OF DRUMQUIN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 46.8 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	20.6	10.5	175.0	228.0	24.5	8.8	8.0	7.1	6.3	4.6	3.2	4.1	01
02	21.2	10.5	128.0	398.0	25.2	8.7	7.1	7.0	6.3	5.1	4.5	3.8	02
03	22.3	10.8	73.5	170.0	25.2	11.5	7.1	7.6	6.4	5.3	5.0	3.6	03
04	24.5	12.0	61.0	111.0	19.7	10.9	7.2	7.6	6.4	5.6	4.4	3.7	04
05	28.5	20.5	56.0	100.0	15.5	9.9	7.8	7.4	6.7	5.9	2.8	3.8	05
06	24.2	11.2	61.0	117.0	14.9	9.7	18.8	7.4	7.1	5.4	2.5	4.5	06
07	21.2	10.5	63.5	151.0	13.3	9.3	17.0	7.3	7.0	3.8	3.0	12.0	07
08	21.2	9.8	55.5	169.0	13.0	11.0	8.5	7.3	6.6	3.2	3.5	9.9	08
09	21.2	9.8	51.0	178.0	12.8	10.3	8.0	7.1	6.3	3.1	4.1	8.9	09
10	21.0	9.4	42.0	149.0	12.4	9.9	7.5	7.1	5.6	2.7	4.4	14.5	10
11	20.6	9.5	41.0	111.0	11.1	8.3	7.2	10.8	5.2	2.6	4.8	27.0	11
12	18.7	9.5	35.0	88.5	11.1	8.9	7.0	8.4	5.5	3.5	4.5	12.5	12
13	18.3	9.5	34.8	61.0	9.5	9.3	6.8	7.1	6.4	3.5	4.4	9.3	13
14	18.1	9.2	40.5	66.8	7.7	30.5	7.0	6.9	6.4	3.0	4.2	7.3	14
15	17.3	9.2	90.0	39.5	7.4	18.7	7.0	9.0	6.2	2.7	4.4	21.4	15
16	16.4	9.0	230.0	32.8	8.6	12.6	6.8	7.5	6.2	2.7	4.6	53.0	16
17	16.0	9.0	370.0	26.4	8.3	10.5	7.0	6.8	5.1	3.0	4.5	19.8	17
18	15.8	9.0	360.0	23.4	8.1	9.3	7.0	6.0	4.7	3.0	4.2	10.7	18
19	15.4	9.0	244.0	21.2	8.3	8.7	6.8	6.2	4.5	2.9	4.8	5.9	19
20	15.1	20.0	127.0	19.9	8.7	8.8	7.0	6.7	4.3	3.2	5.8	9.4	20
21	15.1	25.7	140.0	18.8	8.7	9.0	7.0	6.4	3.2	3.2	4.9	10.0	21
22	14.9	22.3	134.0	13.4	8.9	8.7	7.0	6.6	3.5	3.2	4.4	9.4	22
23	14.9	42.0	134.0	14.7	8.7	8.0	7.8	8.0	4.1	3.9	4.1	7.9	23
24	14.0	45.0	125.0	15.0	9.2	7.6	7.3	7.1	3.9	4.1	4.0	8.4	24
25	13.5	43.2	108.0	14.6	14.5	9.8	7.0	7.3	3.5	4.5	4.0	10.2	25
26	13.0	38.2	140.0	14.0	13.0	11.0	6.8	7.8	3.2	4.0	4.1	10.3	26
27	12.5	82.0	142.0	14.0	11.3	9.8	9.4	17.2	3.5	4.2	4.4	9.1	27
28	11.8	173.0	167.0	18.0	10.2	8.8	7.7	11.0	3.7	3.6	5.3	15.1	28
29	10.8	155.0	23.4	9.6	9.6	8.4	7.1	7.9	3.9	3.4	5.0	13.0	29
30	10.6	199.0	22.3	9.5	9.5	8.2	7.0	7.1	3.8	3.1	4.9	10.5	30
31	10.4		166.0		9.1		6.8	6.5		3.2		10.5	31
TOTAL	539.1	689.3	3948.8	2429.7	578.0	314.9	247.5	241.2	155.5	115.2	129.2	363.5	TOTAL
MEAN	17.39	24.61	127.38	80.99	12.19	10.49	7.98	7.78	5.18	3.71	4.3	11.72	MEAN
AC-FT	1069.3	1367.22	7832.44	4819.3	749.76	624.6	490.91	478.42	308.43	228.49	256.26	721.0	AC-FT
MAX	28.5	173.0	370.0	398.0	25.2	30.5	18.8	17.2	7.1	5.9	5.8	53.0	MAX
MIN	10.4	9.0	34.8	13.4	7.4	7.6	6.8	6.0	3.2	2.6	2.5	3.6	MIN

SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 26.2 CFS
TOTAL DISCHARGE, 18900 AC-FT
MAXIMUM DAILY DISCHARGE, 398 CFS
MINIMUM DAILY DISCHARGE, 2.5 CFS

LOCATION: ABOVE THE CONFLUENCE WITH EAST OAKVILLE CREEK
AT THE COMMUNITY OF DRUMQUIN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 46.8 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

MIDDLE OAKVILLE CREEK AT DRUMQUIN - STATION NO. 02HB203

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	10.5	6.8	9.2	250.0	39.0	13.0	34.0	5.4	6.4	15.5	40.0	31.5	01
02	10.5	6.6	13.7	160.0	48.0	13.7	18.3	9.3	6.4	12.0	61.0	27.5	02
03	10.5	6.6	9.2	157.0	60.0	8.5	18.8	9.0	6.5	10.0	96.0	25.0	03
04	10.5	6.4	7.0	168.0	78.0	10.9	39.0	8.6	6.4	8.8	57.0	22.1	04
05	10.5	6.2	6.7	165.0	48.5	11.6	33.0	7.1	6.2	9.0	55.0	16.5	05
06	10.5	6.1	6.4	88.0	46.0	12.1	18.7	9.9	6.1	12.1	45.3	88.0	06
07	10.5	6.1	10.9	66.0	46.0	11.6	12.6	12.5	6.1	30.5	41.3	56.0	07
08	10.5	6.1	12.5	55.5	44.0	9.8	9.7	25.1	7.2	16.7	205.0	55.3	08
09	12.3	6.0	7.7	66.0	34.7	8.5	9.0	18.0	7.3	13.7	109.0	48.0	09
10	20.5	5.8	7.6	150.0	27.0	8.3	8.6	13.8	7.2	12.0	55.6	37.3	10
11	19.0	5.6	7.8	310.0	25.0	8.1	7.2	9.2	6.9	10.8	54.8	28.9	11
12	18.1	5.4	12.0	400.0	24.3	8.0	5.9	9.2	6.3	10.5	52.0	28.9	12
13	17.2	6.4	24.5	645.0	19.9	8.3	5.4	8.9	6.2	10.5	44.3	340.0	13
14	16.3	7.0	26.4	420.0	19.0	8.3	8.0	8.9	8.3	11.0	37.3	220.0	14
15	15.5	9.5	21.8	350.0	27.0	8.2	25.5	9.2	7.6	11.3	35.3	105.0	15
16	15.5	8.8	21.2	310.0	29.4	7.3	107.0	10.8	7.2	10.8	34.0	76.0	16
17	16.1	6.8	55.0	295.0	45.5	7.7	26.0	10.0	6.8	11.0	28.0	65.0	17
18	18.5	6.3	127.0	215.0	33.7	7.2	13.0	9.2	6.7	16.0	32.0	59.0	18
19	52.0	6.3	114.0	178.0	27.0	6.7	11.3	8.1	6.7	17.2	43.0	55.0	19
20	39.0	6.1	98.0	170.0	22.3	5.2	10.1	7.3	6.9	17.3	59.0	52.5	20
21	21.9	6.1	127.0	95.0	21.3	16.0	8.8	7.2	6.8	17.3	49.0	48.7	21
22	24.1	6.1	270.0	74.0	20.1	32.0	8.1	6.8	6.6	20.4	31.0	46.3	22
23	192.0	6.0	243.0	92.0	18.7	28.3	7.7	7.1	6.3	104.0	26.5	45.0	23
24	60.0	5.8	123.0	72.0	14.5	71.0	7.7	7.8	6.1	69.0	26.5	46.3	24
25	119.0	5.6	84.0	53.0	13.7	58.0	7.7	7.8	6.1	44.5	27.0	51.0	25
26	40.0	5.6	43.0	47.0	9.6	24.5	7.2	7.4	6.1	32.8	79.0	56.0	26
27	15.0	5.5	36.0	43.0	8.3	16.0	6.0	7.2	6.4	27.7	145.0	52.0	27
28	9.4	5.6	29.8	40.0	9.5	13.6	5.2	7.2	6.5	26.1	76.0	45.0	28
29	7.5	5.6	41.0	39.0	9.3	11.1	5.6	6.6	6.5	84.0	40.0	38.0	29
30	7.1		76.0	37.8	8.9	29.2	5.9	6.2	12.0	75.5	35.0	39.2	30
31	7.0		160.0		11.4		5.6	6.3		49.0		60.0	31
TOTAL	847.0	182.8	1831.4	5211.3	889.6	482.7	496.6	287.1	204.8	617.0	1719.9	2013.5	TOTAL
MEAN	27.32	6.3	59.07	173.71	28.69	16.09	16.01	9.26	6.82	26.35	57.33	64.95	MEAN
AC-FT	1680.02	362.58	3632.58	10336.61	1764.52	957.43	985.0	569.46	406.22	1626.51	3411.42	3455.77	AC-FT
MAX	192.0	9.5	270.0	645.0	76.0	71.0	107.0	25.1	12.0	104.0	205.0	340.0	MAX
MIN	7.0	5.4	6.4	37.8	8.3	5.2	5.2	5.4	6.1	8.8	26.5	16.5	MIN

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 40.9 CFS
TOTAL DISCHARGE, 29700 AC-FT
MAXIMUM DAILY DISCHARGE, 645 CFS
MINIMUM DAILY DISCHARGE, 5.2 CFS

LOCATION: ABOVE THE CONFLUENCE WITH EAST OAKVILLE CREEK
AT THE COMMUNITY OF DRUMQUIN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 46.8 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

MIDDLE OAKVILLE CREEK DRUMQUIN - STATION NO. 02HB203

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	9.2	14.2 B	58.7 B	35.2 E	19.0	8.1	4.6		9.4	8.1	21.6	37.4	01
02	8.0	11.3 B	46.0 B	35.5 E	17.7	7.9	4.3		9.0	8.2	24.6	31.4	02
03	8.4	9.7 B	35.9 B	35.2 E	16.0	7.5	4.3		6.5	7.8	26.5	24.9	03
04	8.4	9.0 B	29.0 B	35.1 E	18.0	7.8	4.2		5.7	7.3	29.1	22.6	04
05	7.5	8.8 B	22.2 B	29.9 E	29.6	8.2	4.5		5.4	7.4	31.6	22.0	05
06	7.2	8.8 B	19.2 B	29.9 E	220.0	7.5	4.2		5.3	7.3	30.7	49.1	06
07	8.0	8.6 B	17.1 B	70.9 E	231.0	7.1	4.0		5.0	6.8	28.3	50.1	07
08	7.7	8.3 B	16.7 B	110.0 E	102.0	6.6	4.0		5.1	6.7	26.5	34.1	08
09	14.2	8.6 B	16.0 B	205.0 E	82.4	6.1	3.6		4.8	6.5	28.9	28.3	09
10	26.1	8.6 B	16.0 B	154.0 E	54.5	5.8	5.9		4.5	6.8	38.4	29.3	10
11	24.1	8.8 B	16.7 B	82.3 E	40.1	9.1	5.4		4.6	7.2	51.5	30.9	11
12	31.4	9.0 B	17.8 B	60.2 E	37.9	7.5	4.8		8.1	6.7	37.8	31.7	12
13	24.0	9.0 B	109.0 B	50.5 E	26.7	6.9	5.2	4.4 E	6.6	6.6	31.4	29.3	13
14	17.7	9.5 B	94.5	40.3 E	17.6	6.6	5.2	4.5 E	5.7	7.1	28.1	64.0	14
15	12.5	9.7 B	77.6	38.9 E	10.6	6.6	4.5	4.6 E	5.3	7.1	26.2	168.0	15
16	9.0	10.2 B	79.3	41.9 E	10.4	6.2	4.2	4.4 E	5.2	6.9	24.8	74.2	16
17	7.3 B	10.8 B	119.0	35.9	15.7	5.8	4.2	4.2 E	5.2	6.8	23.3		17
18	6.5 B	41.3	128.0	39.3	15.1	62.6	4.4	3.8 E	5.5	7.5	20.2		18
19	6.1 B	67.7	299.0	576.0	14.0	28.9	5.4	3.4 E	19.1	8.3	19.6		19
20	5.9 B	51.4	300.0	192.0	13.4	15.1	5.0	3.1 E	13.4	19.0	19.5		20
21	6.1 B	62.2	157.0	81.6	12.5	11.8	4.7	3.8	10.6	28.1	19.9		21
22	6.3 B	161.0	260.0	53.3	11.4	10.0	4.2	4.0	8.2	24.9	19.6		22
23	6.9 B	341.0	223.0	47.8	10.4	8.6	4.1	4.3	7.7	22.3	19.4		23
24	9.5	677.0	204.0	71.7	10.0	7.6	3.9	25.5	7.8	21.5	19.2		24
25	14.9	501.0	187.0	63.7	10.6	6.8	3.6	15.3	8.4	14.6	18.9		25
26	34.1	165.0	107.0	55.6	10.5	6.2	3.6	8.8	9.3	14.8	19.0		26
27	15.8	93.9	57.4	51.5	6.2	6.0	4.5	6.7	9.7	15.5	20.8		27
28	11.8	70.5 B	48.1	48.1	8.1	5.9	3.9	5.4	9.2	16.0	29.1		28
29	157.0		47.4	33.1	8.3	5.4	3.3	5.1	8.7	16.3	32.0		29
30	98.8		53.8 E	30.1	9.4	4.9	3.3	8.0	8.5	17.3	33.5		30
31	26.5		48.1 E		9.4		3.0 E	6.7		19.1			31
TOTAL	637.5	2394.9	2910.5	2434.5	1111.1	301.3	134.0		227.5	366.5	797.0	727.3	TOTAL
MEAN	20.56	85.53	93.88	81.15	35.84	10.04	4.32		7.58	11.82	26.56	45.45	MEAN
AC-FT	1264.48	4750.28	5772.97	4828.83	2203.86	597.62	265.78		451.24	726.95	1580.84	1442.59	AC-FT
MAX	157.0	677.0	300.0	576.0	231.0	62.6	5.9		19.1	28.1	51.5	168.0	MAX
MIN	5.9	8.3	16.0	29.9	6.2	4.9	3.0		4.5	6.5	18.9	22.0	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 677 CFS
MINIMUM DAILY DISCHARGE, 3.0 CFS

LOCATION: ABOVE THE CONFLUENCE WITH EAST OAKVILLE CREEK
AT THE COMMUNITY OF DRUMQUIN.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 46.8 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

STATION DISCONTINUED DECEMBER 1975.

B - ICE CONDITIONS

E - ESTIMATED

REGULATED

EAST OAKVILLE CREEK AT DRUMQUIN - STATION NO. 02HB204

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01								0.0	0.0	0.0	0.0	0.03	01
02								0.0	0.0	0.0	0.0	0.01	02
03								0.0	0.0	0.0	0.0	0.0	03
04								0.0	0.0	0.0	0.0	0.0	04
05								0.0	0.0 E	0.0	0.0	0.0	05
06								0.0	0.0 E	0.0	0.0	0.34	06
07							0.0	0.0	0.0 E	0.0	0.0	14.7	07
08							0.0	0.0	0.0 E	0.0	0.0	45.4	08
09							0.0	0.0	0.0 E	0.0	0.32	15.6	09
10							0.0	0.0	0.0 E	0.0	0.12	39.7	10
11							0.0	0.0	0.0	0.0	0.03	60.4	11
12							0.0	0.0	0.0	0.0	0.02	10.8	12
13							0.0	0.0	0.0	0.0	0.01	5.7	13
14							0.0	0.0	0.0	0.0	0.01	3.9	14
15							0.0	0.0	0.0	0.0	0.0	2.9	15
16							0.0	0.0	0.0	0.0	0.0	2.4	16
17							0.0	0.0	0.0	0.0	0.0	2.1	17
18							0.0	0.0	0.0	0.0	0.0	2.1 B	18
19							0.0	0.0	0.0	0.0	0.0	1.9 B	19
20							0.0	0.0	0.0	0.0	0.0	1.7 B	20
21							0.0	0.0	0.0	0.0	0.0	1.4 B	21
22							0.0	0.0	0.0	0.0	0.0	1.1 B	22
23							0.0	0.0	0.0	0.0	0.0	0.87 B	23
24							0.0	0.0	0.0	0.0	0.0	0.75	24
25							0.0	0.0	0.0	0.0	0.02	0.67	25
26							0.0	0.0	0.0	0.0	0.02	0.58	26
27							0.0	0.0	0.0	0.0	0.02	0.52	27
28							0.0	0.0	0.0	0.0	0.06	0.49	28
29							0.0	0.0	0.0	0.0	0.21	0.6	29
30							0.0	0.0	0.0	0.0	0.04	0.57	30
31							0.0	0.0		0.0		0.54	31
TOTAL							0.0	0.0	0.0	0.0	0.88	267.77	TOTAL
MEAN							0.0	0.0	0.0	0.0	0.02	8.63	MEAN
AC-FT							0.0	0.0	0.0	0.0	1.74	531.12	AC-FT
MAX							0.0	0.0	0.0	0.0	0.32	89.7	MAX
MIN							0.0	0.0	0.0	0.0	0.0	0.0	MIN

SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 90 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,
AT THE COMMUNITY OF DRUMQUIN.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 11.6 SQUARE MILES.

REMARKS: STATION CONTROL IS A SHARP-CRESTED
120 DEGREE V-NOTCH WEIR.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.53	4.1	2.1	38.4	0.41	0.35	6.1	0.05	0.29	1.6	1.4	0.87	01
02	0.56	4.1	2.0	33.5	1.8	0.39	18.4	0.02	0.21	0.82	7.7	0.74	02
03	0.56	3.6	2.1	336.0	3.0	0.35	25.7	0.02	0.14	0.58	15.0	0.78	03
04	0.63	3.3 B	3.1	14.8	3.3	0.39	10.1	0.1	0.1	0.44	7.6	0.73	04
05	0.67	3.2 B	3.6	8.5	1.8	0.42	4.3	0.1	0.08	0.32	6.1	0.68	05
06	0.7	3.1 B	3.2	53.6	1.4	0.43	2.4	0.09	0.06	0.21	3.7	0.71	06
07	0.79	2.9 B	3.2	45.9	2.3	0.48	1.3	0.06	0.04	0.07	2.5	0.89	07
08	0.75	2.8 B	3.2	49.9	9.6	1.2	1.0	0.03	0.03	0.07	1.8	2.0	08
09	0.768	2.6	3.5	14.7	8.1	3.7	0.71	0.15	0.02	0.15	1.5	3.6	09
10	0.768	2.4	3.8	55.4	4.8	8.0	0.5	0.07	0.02	0.11	1.3	3.0	10
11		2.2	51.4	10.6	3.7	24.9	0.34	0.02	0.02	0.11	1.3	4.8	11
12		1.9	156.0	5.1	6.8	7.6	33.2	0.01	0.01	0.08	1.4	27.3	12
13		1.8	67.0	3.8	5.1	3.3	6.3	0.01	0.01	0.11	1.5	27.4	13
14		1.8	50.8	3.4	2.8	2.4	2.7	0.01	0.01	0.11	1.8	10.3	14
15		1.9	77.2	8.6	2.2	0.91	1.5	0.01	0.01	0.14	1.4 B	5.4	15
16		3.9	33.2	6.4	1.7	0.81	1.1	0.0	0.01	0.37	1.2	3.9	16
17		5.9	21.7	6.7	1.4	0.74	0.88	0.0	0.01	2.1	1.1	2.7	17
18		6.1 B	11.7	14.4	0.99	0.86	0.66	0.0	0.0	11.0	1.3	3.2	18
19		6.1 B	7.8	6.8	1.1	0.82	0.19	0.0	0.0	10.8	1.7	13.6	19
20		6.6	5.7	3.8	0.96	1.0	0.09	0.01	0.0	5.2	1.9	11.2	20
21		5.3	7.0	3.0	0.87	0.84	0.64	0.01	0.09	2.9	1.7	28.8	21
22		4.6	7.6	10.9	0.88	3.6	0.8	0.0	0.07	2.0	1.6	270.0	22
23		4.3	9.8	9.3	0.62	9.2	0.59	0.0	0.02	1.8	2.2	19.4 B	23
24		3.9	32.0	4.3	0.39	3.4	0.46	0.0	0.02	1.4	3.6	8.8 B	24
25		3.2	74.0	2.9	0.36	1.9	0.38	0.0	0.01	0.95	3.5	5.2	25
26		2.9	83.9	2.2	0.32	1.1	0.28	0.0	0.01	0.82	2.8	3.1 B	26
27		2.7	161.0	1.7	0.18	0.63	0.21	1.5	0.01	0.94	2.4	2.2 B	27
28		2.4	114.0	1.4	0.2	0.27	0.18	0.92	0.25	1.6	1.8 B	1.6	28
29			113.0	1.2	0.23	0.47	0.13	0.18	0.21	3.1	1.4 B	1.4	29
30			71.8	0.53	0.26	2.1	0.11	0.44	1.1	2.2	1.1	1.1	30
31			41.0		0.27		0.1	0.48		1.6		1.0	31
TOTAL		99.6	1227.4	757.73	67.84	82.56	121.35	4.29	2.86	53.7	85.3	466.4	TOTAL
MEAN		3.55	39.59	25.25	2.18	2.75	3.91	0.13	0.09	1.73	2.84	15.04	MEAN
AC-FT		197.55	2434.54	1502.95	134.56	163.75	240.69	8.5	5.67	106.51	169.19	925.1	AC-FT
MAX		6.6	161.0	336.0	9.6	24.9	33.2	1.5	1.1	11.0	15.0	270.0	MAX
MIN		1.8	2.0	0.53	0.18	0.27	0.09	0.0	0.0	0.07	1.1	0.68	MIN

SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 336 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,
AT THE COMMUNITY OF DRUMQUIN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 11.6 SQUARE MILES.
REMARKS: STATION CONTROL IS A SHARP-CRESTED
120 DEGREE V-NOTCH WEIR.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

EAST OAKVILLE CREEK AT DRUMQUIN - STATION NO. 02HB204

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.938	13.6 B	0.118	6.9	1.2 E	1.9	3.6	0.0	0.0	0.14	0.02	11.9	01
02	0.878	501.0 B	0.118	5.0	0.73E	1.5	1.8	0.0	0.0	0.18	0.02	10.2	02
03	0.83	152.0	0.118	3.5	0.09	1.4	1.6	0.0	0.0	0.16	0.04	20.4	03
04	0.778	80.4	0.118	18.5	0.77	0.75	0.69	0.0	0.0	0.15	0.07	87.7	04
05	0.688	44.3 B	0.118	24.3	0.91	0.55	2.5	0.0	0.07	0.16	0.08	53.7	05
06	0.57	25.0 B	0.128	8.4	0.8	0.42	15.9	0.0	14.5	0.11	0.09	17.8 B	06
07	0.568	15.7 B	0.258	4.6	0.62	0.26	8.1	0.0	12.3	0.09	0.09	7.8 B	07
08	0.468	9.8 B	5.0 B	3.7	0.51	0.18	5.1	0.03	4.6	0.08	0.18	3.7 B	08
09	0.428	7.0 B	103.0 B	2.9	0.64	0.11	3.6	0.0	2.1	0.07	1.0	2.1 B	09
10	0.4 B	4.2 B	159.0 B	2.2	0.87	0.07	3.0	0.0	1.3	0.05	0.81	1.3 B	10
11	0.388	3.2 B	48.1 B	1.9	1.5	0.06	2.2	0.0	3.0	0.06	0.59	1.3	11
12	0.378	2.3 B	19.9 B	1.7	2.1	0.07	2.0	0.0	15.0	0.08	0.36	0.95	12
13	0.388	1.5 B	6.4 B	1.4	2.9	0.03	1.9	0.0	6.5	0.11	0.26	1.4	13
14	0.468	1.1 B	6.2	1.3	2.8	0.02	1.3	0.0	2.8	0.12	0.22	1.4	14
15	0.748	0.898	6.6	1.1	2.5	0.01	0.61	0.0	0.91	0.13	1.1	0.748	15
16	0.768	0.738	153.0 B	0.99E	3.0	0.01	0.27	0.0	0.53	0.14	8.8	0.298	16
17	0.778	0.628	150.0 B	0.9 E	4.7	0.01	0.04	0.0	0.25	0.14	7.1	0.22E	17
18	0.778	0.5 B	107.0 B	0.91E	4.0	0.01	0.01	0.0	0.17	0.14	16.6	0.13E	18
19	0.798	0.418	66.1 B	0.96E	2.8	0.02	0.01	0.0	0.11	0.01	33.9	0.12E	19
20	0.818	0.3 B	50.5	1.1 E	3.3	0.02	0.0	0.0	0.11	0.04	11.9	0.14E	20
21	0.838	0.238	51.6	1.0 E	5.1	0.02	0.0	0.0	0.14	0.28	6.1	0.12E	21
22	0.858	0.178	39.7	1.1 E	3.6	0.03	0.0	0.23	0.16	0.16	4.3	0.15E	22
23	0.888	0.118	29.0	1.1 E	2.1	0.02	0.0	0.04	0.16	0.09	4.6	0.51E	23
24	0.828	0.098	20.7 B	1.2 E	1.4	0.02	0.0	11.4	0.13	0.03	4.4	0.42E	24
25	0.748	0.098	35.0 B	1.5 E	0.99	0.35	0.0	5.1	0.12	0.02	3.4	0.06E	25
26	0.7 B	0.1 B	55.3	1.5 E	0.79	7.8	0.0	2.9	0.09	0.05	2.8	0.01E	26
27	0.698	0.118	37.7	1.3 E	0.39	17.3	0.0	1.2	0.09	0.04	6.1	0.08E	27
28	0.878	0.128	31.4	1.2 E	0.33	8.0	0.0	0.3	0.13	0.09	50.4	0.17E	28
29	1.4	0.118	22.4	1.2 E	0.79	6.4	0.0	0.13	0.1	0.1	180.0	0.27E	29
30	2.8		12.7	1.2 E	2.1	5.0	0.0	0.06	0.11	0.05	26.3	0.3 E	30
31	2.9		8.0		2.4		0.0	0.0		0.02		0.81E	31
TOTAL	26.0	863.68	1221.22	104.56	56.73	52.34	54.23	21.39	65.48	3.09	377.63	206.19	TOTAL
MEAN	0.83	29.85	39.39	3.48	1.83	1.74	1.74	0.69	2.18	0.09	12.58	6.65	MEAN
AC-FT	51.57	1717.07	2422.28	207.39	112.52	103.81	107.56	42.42	129.87	6.12	749.02	408.97	AC-FT
MAX	2.9	501.0	159.0	24.3	9.1	17.3	15.9	11.4	15.0	0.28	180.0	67.1	MAX
MIN	0.37	0.09	0.11	0.9	0.09	0.01	0.0	0.0	0.0	0.01	0.02	0.01	MIN

SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 8.3 CFS
TOTAL DISCHARGE, 6060 AC-FT
MAXIMUM DAILY DISCHARGE, 501 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,
AT THE COMMUNITY OF DRUMQUIN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 11.6 SQUARE MILES.
REMARKS: STATION CONTROL IS SHARP-CRESTED
120 DEGREE V-NOTCH WEIR.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.00E	38.0 0	1.9	4.5	1.9	0.05	0.0	4.8		0.0	0.38	1.2 8	01
02	0.00E	19.3 0	1.9	13.2	1.2	0.09	0.0	18.3		0.0	3.6	1.1 8	02
03	0.00E	18.0 0	3.5	15.4	0.94	0.14	0.0	30.5		0.0	8.0	0.88	03
04	0.00E	15.9 0	2.8 8	13.9	0.61	0.18	0.0	8.6		0.0	4.8	0.77	04
05	0.02E	10.1 0	1.1 8	86.4	0.29	0.2	0.0	3.4		0.0	2.9	0.68	05
06	0.02E	6.8 0	0.15 8	26.3	0.24	0.19	0.0	1.5		0.0	1.9	0.56	06
07	0.04E	4.5	0.4 8	14.0	0.23	0.15	0.0	0.67		0.0	1.4	0.66	07
08	0.06E	3.3	0.34 8	9.9	0.48	0.14	0.0	0.3		0.0	1.2	1.3	08
09	0.08E	2.5 8	0.74 8	7.9	1.8	0.12	0.0	0.2		0.0	0.97	2.1	09
10	0.0 8	1.8 8	1.2 8	19.0	2.9	0.02	0.0	0.12		0.0	0.86	2.6	10
11	1.1 8	1.3 0	0.97 8	13.2	1.1	0.0	0.0	0.07		0.0	0.82	2.8	11
12	2.0 8	1.2	0.84 8	6.7	7.0	0.0	0.0	0.01		0.0	0.96	2.8	12
13	2.1 8	1.0 8	0.83 8	4.3	3.2	0.0	0.0	0.0		0.0	1.2	3.0	13
14	1.8 8	0.82 8	1.8	3.0	2.0	0.0	0.0	0.0		0.0	2.4	3.1	14
15	1.6 8	0.64 8	12.6	2.7	1.3	0.0	0.0	0.0		0.0	3.0	3.0 8	15
16	1.0 8	0.43 8	31.0	3.0	0.12	0.0	0.0	48.8		0.01	2.8	2.7 8	16
17	2.1 8	0.28 8	109.0	4.6	0.42	0.0	0.0			0.02	2.0	2.3	17
18	12.0 8	0.23 8	198.0	176.0	12.0	0.0	0.0	23.8		0.02	1.9	2.2	18
19	24.2 8	0.18 8	121.0	92.1	86.7	0.0	0.0	9.0		0.03	6.4	2.2	19
20	26.7 8	0.2	68.8	16.8	17.3	0.0	0.0	5.1		0.14	22.1	2.1 8	20
21	27.1	0.68	144.0	8.0	7.9	0.0	0.0	3.6		0.04	8.8	2.0	21
22	17.9	1.7	34.8	6.2	4.6	0.0	0.0	2.0		0.1	4.5	2.0	22
23	13.9 8	4.5	31.4	7.3	2.7	0.0	0.0	1.8		0.04	3.0	1.5 8	23
24	17.1	2.1	34.1	9.8	1.3	0.0	0.0	1.9		0.04	2.5	1.1 8	24
25	19.5 8	1.6	91.0	6.4	0.94	0.0	0.0	2.0		0.47	2.2	1.0 8	25
26	17.7 8	1.4	65.9	3.7	0.59	0.0	0.0			0.67	2.0	0.94 8	26
27	13.1 8	2.5	19.1	2.5	0.34	0.0	0.0		0.0	0.87	1.8	0.92 8	27
28	6.7 8	1.6	15.5	2.1	0.27	0.0	3.1		0.0	0.71	1.7	0.85 8	28
29	4.0		46.7	2.5	0.21	0.0	138.0		0.0	0.51	1.5	0.82 8	29
30	51.7 8		14.1	2.8	0.15	0.0	14.2		0.0	0.38	1.3	0.83 8	30
31	155.0 8		6.7		0.07		5.3			0.32		0.92 8	31
TOTAL	504.34	143.16	1062.77	584.2	168.0	1.28	160.6			4.37	98.89	50.93	TOTAL
MEAN	16.26	5.11	34.28	19.47	5.41	0.04	5.18			0.14	3.29	1.64	MEAN
AC-FT	1000.35	283.95	2108.0	1158.76	333.22	2.53	318.55			8.66	196.14	101.01	AC-FT
MAX	195.0	38.0	198.0	176.0	86.7	0.2	138.0			0.87	22.1	3.1	MAX
MIN	0.25	0.18	0.34	2.1	0.07	0.0	0.0			0.0	0.38	0.56	MIN

SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 198 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,
AT THE COMMUNITY OF DRUMQUIN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 11.6 SQUARE MILES.
REMARKS: STATION CONTROL IS SHARP-CRESTED
120 DEGREE V-NOTCH WEIR.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

EAST OAKVILLE CREEK AT DRUMQUIN - STATION NO. 02HB204

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.9 8	3.5 8	1.0 8	5.3	3.0	0.47	0.01	0.01	0.01	0.59	11.6	6.0	01
02	0.85 8	6.8 8	0.94	49.7	2.7	0.36	0.01	0.0	0.01	0.47	6.6	4.2	02
03	0.78 8	7.5 8	0.88	137.0	1.9	0.29	0.01	0.0	0.0	0.45	4.1	3.8	03
04	0.73 8	7.1 8	11.1	76.5	1.5	0.01E	0.0	0.0	0.01	0.38	3.0	50.5	04
05	0.76 8	5.0 8	52.7 8	21.1	1.3	0.11	0.0	0.0	0.0	0.33	2.3	22.7	05
06	0.7 8	3.3	40.5 8	16.2	1.1	0.05	0.0	0.0	0.0	0.4	1.8	0.71 8	06
07	0.73 8	2.8	41.6 8	17.4	0.98	0.05	0.0	0.0	0.0	0.49	1.5	0.71 8	07
08	0.75 8	2.7	27.1 8	15.1	0.96	0.0	0.0	0.0	0.0	0.49	1.2	3.5	08
09	0.64 8	2.6	18.7 8	12.4	0.93	0.0	0.0	0.0	0.0	0.46	1.0	3.8	09
10	0.52 8	2.5	12.2 8	9.0	0.9	0.0	0.0	0.0	0.0	0.45	0.91	26.0	10
11	0.42	2.6	7.8 8	5.4	0.92	0.0	0.0	0.0	0.0	0.38	0.96	12.9 8	11
12	0.47	2.1 8	5.9 8	3.8	0.83	0.0	0.0	0.0	0.0	0.36	1.7	7.1 8	12
13	0.46 8	1.5 8	7.5 8	3.1	0.83	0.0	0.0	0.0	0.0	0.44	3.8	6.1	13
14	0.49 8	1.1 8	10.0 8	2.8	0.9	0.0	0.0	0.0	0.0	0.5	3.9	5.3	14
15	0.55 8	0.88 8	9.7 8	2.5	1.3	0.0	0.09	0.0	0.05	0.74	2.7	5.0	15
16	0.6 8	0.81 8	7.9 8	2.3	9.5	0.0	0.01	0.0	0.11	0.98	2.2	5.3	16
17	0.6 8	0.9 8	5.8 8	2.3	14.3	0.0	0.01	0.0	0.01	0.78	2.0	5.5	17
18	0.58 8	0.74 8	8.8 8	2.3	7.5	0.0	0.0	0.0	0.26	0.65	2.0	5.7	18
19	0.57 8	1.0 8	25.2 8	2.2	4.1	0.0	0.0	0.17	0.05	0.5	2.0	7.0	19
20	0.56 8	1.5 8	34.0 8	51.0	2.2	0.0	0.22	0.02	1.6	0.41	2.8	14.8	20
21	0.57 8	4.2 8	30.2 8	44.3	1.4	0.0	0.06	0.01	1.0	0.79	8.6	16.7	21
22	0.57 8	1.7 8	22.2 8	23.0	1.2	0.0	1.1 E	0.01	0.59	2.8	7.0	8.2	22
23	0.58 8	4.4 8	28.8 8	11.8	1.0	0.0	0.71 E	0.0	0.39	3.8	3.9	4.8	23
24	0.59 8	5.0 8	48.2	14.9	1.2	0.0	0.34	0.0	0.25	2.7	2.7	4.0	24
25	0.59 8	4.4 8	37.7	37.0	1.2	0.01E	0.19	0.0	0.23	1.8	1.9	2.9	25
26	0.55 8	3.0 8	32.9	12.4	2.8	0.02E	0.11	0.0	0.32	1.3	1.7	2.6	26
27	0.55 8	1.6 8	36.6	6.6	2.3	0.02E	0.04	0.0	0.68	0.93	1.7	2.5	27
28	0.64 8	1.1 8	25.9 8	4.3	1.4	0.02	0.02	0.0	2.9	0.75	8.4	2.3	28
29	1.6 8		12.1 8	3.0	1.0	0.02	0.01	0.0	1.3	0.66	16.9	2.1 8	29
30	1.9 8		8.0	2.8	0.77	0.01	0.01	0.05	0.78	0.85	9.1	1.9 8	30
31	2.7 8		5.9		0.6		0.0	0.05		4.3		1.8 8	31
TOTAL	23.5	82.33	617.82	597.5	72.52	1.44	2.95	0.32	10.55	30.95	119.97	246.42	TOTAL
MEAN	0.75	2.94	19.92	19.91	2.33	0.04	0.09	0.01	0.35	0.99	3.99	7.94	MEAN
AC-FT	46.61	163.3	1225.44	1185.14	143.84	2.85	5.85	0.63	20.92	61.38	237.96	488.77	AC-FT
MAX	2.7	7.5	52.7	137.0	14.3	0.47	1.1	0.17	2.9	4.3	16.9	50.5	MAX
MIN	0.42	0.74	0.88	2.2	0.6	0.0	0.0	0.0	0.0	0.33	0.91	0.71	MIN

SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 4.9 CFS
TOTAL DISCHARGE, 3580 AC-FT
MAXIMUM DAILY DISCHARGE, 137 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,
AT THE COMMUNITY OF DRUMQUIN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 11.6 SQUARE MILES.
REMARKS: STATION CONTROL IS A SHARP-CRESTED
120 DEGREE V-NOTCH WEIR.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.7 B	0.748	60.1 B	70.8	1.9	0.2	0.08	0.0	0.01	0.0	0.01	0.67	01
02	1.6 B	0.728	53.4 B	257.0	2.0	0.14	0.03	0.0	0.01	0.0	0.01	0.48	02
03	1.5	0.698	44.1 B	58.7	2.2	0.18	0.02	0.0	0.01	0.0	0.01	0.38	03
04	1.8	0.638	15.7 B	22.5	2.1	0.2	0.03	0.0	0.01	0.0	0.01	0.3	04
05	1.9 B	2.1 B	13.2 B	15.5	1.6	0.13	0.03	0.0	0.01	0.0	0.0	0.26	05
06	1.4 B	2.5 B	12.9 B	15.2	1.2	0.03	0.31	0.0	0.01	0.0	0.0	0.48	06
07	1.4 B	2.2 B	12.5 B	27.5	0.99	0.03	0.1	0.0	0.01	0.0	0.0	1.0	07
08	1.4 B	2.0 B	10.3 B	28.5	0.85	0.18	0.95	0.0	0.01	0.0	0.0	2.3	08
09	1.4 B	1.8 B	8.7 B	20.2	0.8	0.15	0.49	0.0	0.0	0.0	0.0	1.7	09
10	1.5 B	1.7 B	7.6 B	22.1	0.72	0.1	0.23	0.0	0.0	0.01	0.01	2.0	10
11	1.5 B	1.7 B	6.0	10.3	0.61	0.08	0.12	0.05	0.0	0.01	0.01	4.9	11
12	1.5 B	1.7 B	4.7	8.8	0.44	0.08	0.05	0.01	0.0	0.01	0.01	3.4	12
13	1.6 B	1.6 B	4.1	9.9	0.52	0.21	0.07	0.01	0.03	0.01	0.01	1.8	13
14	1.5	1.6 B	4.1	14.8	0.46	0.54	0.06	0.12	0.02	0.02	0.01	1.2	14
15	1.5 B	1.6 B	38.3 B	7.8	0.39	1.2	0.03	0.11	0.01	0.02	0.02	2.9	15
16	1.5 B	1.5 B	428.0 B	4.6	0.34	0.96	0.02	0.04	0.01	0.01	0.02	11.2	16
17	1.4 B	1.5 B	94.6 B	3.5	0.28	0.53	0.03	0.02	0.01	0.01	0.02	6.3	17
18	1.2 B	1.4	70.7 B	2.9	0.24	0.29	0.02	0.01	0.01	0.01	0.02	3.1 B	18
19	0.998	1.6	39.7 B	2.4	0.21	0.2	0.01	0.01	0.01	0.01	0.04	2.4	19
20	0.618	2.0 B	23.8 B	2.1	0.19	0.14	0.01	0.0	0.04	0.01	0.02	1.8	20
21	0.798	2.7 B	17.4 B	2.0	0.12	0.11	0.01	0.0	0.02	0.01	0.01	1.6	21
22	0.798	3.4 B	17.1 B	1.7	0.04	0.06	0.01	0.0	0.01	0.01	0.16	1.2 B	22
23	0.818	4.5 B	17.5 B	1.1	0.02	0.03	0.01	0.1	0.01	0.03	0.44	1.1	23
24	0.878	6.1 B	15.0 B	1.3	0.02	0.02	0.01	0.01	0.01	0.07	0.35	1.1	24
25	0.898	6.9 B	12.0 B	1.2	0.22	0.19	0.01	0.02	0.01	0.09	0.31	0.958	25
26	0.968	10.3 B	13.1 B	1.1	0.43	0.09	0.06	0.02	0.01	0.02	0.27	1.5	26
27	0.9 B	35.4 B	21.2 B	1.0	1.0	0.02	0.02	0.55	0.01	0.02	0.29	1.3	27
28	0.838	92.3 B	35.1	1.1	0.66	0.04	0.01	0.11	0.01	0.01	0.33	1.7	28
29	0.818		29.2	1.4	0.41	0.13	0.0	0.02	0.01	0.01	0.5	2.2 B	29
30	0.788		44.0	1.8	0.31	0.12	0.0	0.01	0.0	0.01	0.89	1.9	30
31	0.758		35.1		0.29		0.0	0.01		0.01		1.3	31
TOTAL	38.28	192.88	1209.2	618.8	21.56	6.38	2.83	1.23	0.32	0.44	3.78	64.42	TOTAL
MEAN	1.23	6.88	39.0	20.62	0.69	0.21	0.09	0.03	0.01	0.01	0.12	2.07	MEAN
AC-FT	75.92	382.57	2398.44	1227.38	42.76	12.65	5.61	2.43	0.63	0.83	7.49	127.77	AC-FT
MAX	1.9	92.3	428.0	257.0	2.2	1.2	0.95	0.55	0.04	0.09	0.89	11.2	MAX
MIN	0.75	0.63	4.1	1.0	0.02	0.02	0.0	0.0	0.0	0.0	0.0	0.26	MIN

SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 5.9 CFS
TOTAL DISCHARGE, 4280 AC-FT
MAXIMUM DAILY DISCHARGE, 428 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,
AT THE COMMUNITY OF DRUMQUIN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 11.6 SQUARE MILES.
REMARKS: STATION CONTROL IS A SHARP-CRESTED
120 DEGREE V-NOTCH WEIR.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

EAST OAKVILLE CREEK AT DRUMQUIN -- STATION NO. 02HB204

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.2	0.768	0.488	98.9 B	2.0 E	0.23	3.1	0.02	0.11	0.19	4.1	3.9	01
02	1.2	0.758	1.4 B	80.9 B	3.6 E	0.2	2.5	0.35	0.08	1.8	7.8	3.1	02
03	1.1	0.748	1.9 B	86.7 B	4.1 E	0.21	1.9	0.58E	0.07	1.0	17.5	2.6	03
04	1.0	0.728	2.0 B	95.9 B	6.1 E	0.29	1.9	0.39	0.05	0.73	8.4	2.1	04
05	0.948	0.688	2.1 B	48.8	3.4 E	0.26	1.6	0.24	0.04	0.59	6.5	1.8	05
06	0.838	0.638	2.2 B	19.9 B	2.7 E	0.24	1.1	0.2	0.03	0.88	5.2	12.0	06
07	0.798	0.588	2.7 B	8.5 B	2.4 E	0.21	0.79	1.1	0.02	2.6	4.3	18.1	07
08	0.76	0.548	4.5 B	6.4 B	2.1 E	0.16	0.68	2.2	0.18	3.5	37.8	8.5	08
09	0.85	0.528	4.9	7.5 B	1.8 E	0.12	0.57	2.5	0.1	1.8	24.6	4.8	09
10	1.4	0.498	6.0 B	34.8	1.6 E	0.07	0.47	1.6	0.11	1.1	10.3	3.7	10
11	1.9	0.45	6.1 B	112.0	1.3 E	0.02	0.38	0.94	0.4	0.82	7.2	2.9	11
12	2.2	0.43		118.0	1.2 E	0.02	0.28	0.71	0.39	0.76	6.7	2.9	12
13	2.0	0.44		234.0	0.95E	0.02	0.2	0.6	0.32	0.73	5.0	30.9 B	13
14	2.0 B	0.51		80.3	1.1 E	0.02	0.18	0.55	0.25	0.64	4.3	37.9 B	14
15	1.5 B	0.69		41.9	2.4 E	0.01	0.24	1.1	0.19	0.61	3.7	22.2 B	15
16	0.948	0.73		32.3	2.7 E	0.01	29.0	1.8	0.15	0.51	3.3 E	11.3 B	16
17	0.7 B	0.72		84.3	4.1 E	0.01	6.9	1.5	0.1	0.47	3.8	8.7 B	17
18	0.718	0.63		24.5	3.2 E	0.01	2.9	1.0	0.12	0.46	4.5	7.6 B	18
19	2.9 B	0.588		14.7	1.9 E	0.01	1.4	0.67	0.1	0.43	7.8	6.2	19
20	5.1 B	0.548		23.7	1.3	0.0	1.1	0.49	0.02	0.41	10.8	5.7	20
21	4.5 B	0.52		14.0	0.99	0.58	0.75	0.38	0.01	0.29	11.4	5.6	21
22	4.4 B	0.438		7.8	0.68	3.4	0.55	0.3	0.01	0.49	7.5	5.4	22
23	21.5 B	0.418		11.8	0.39	3.2	0.43	0.26	0.01	25.6	5.1	5.4	23
24	14.2 B	0.388		8.3	0.43	6.8	0.37	0.25	0.01	17.3	3.9	6.4	24
25	13.0 B	0.34		5.9	0.38	7.5	0.27	0.24	0.02	7.6	3.4	8.9 B	25
26	8.1 B	0.32		4.1	0.31	3.4	0.24	0.2	0.08	4.5	12.3	10.7 B	26
27	4.7 B	0.33		3.2	0.26	1.9	0.21	0.2	0.02	2.8	34.4	11.5 B	27
28	2.6 B	0.35		2.5	0.22	1.1	0.14	0.17	0.01	2.4	18.5	10.4 B	28
29	1.6 B	0.37		2.1	0.17	0.89	0.11	0.2	0.04	13.1	8.4	7.6 B	29
30	0.9 B			1.8	0.15	1.6	0.08	0.2	0.41	14.3	5.2	6.0	30
31	0.818		69.1 B		0.18		0.02	0.16		6.5		8.7 B	31
TOTAL	106.33	15.58		1315.5	54.11	32.49	60.36	21.1	3.45	114.93	293.7	243.5	TOTAL
MEAN	3.43	0.53		43.85	1.74	1.08	1.94	0.68	0.11	3.7	9.79	9.14	MEAN
AC-FT	210.9	30.9		2609.29	107.32	64.44	119.72	41.85	6.84	227.96	562.55	562.32	AC-FT
MAX	21.5	0.76		234.0	6.1	7.5	29.0	2.5	0.41	25.6	37.8	37.9	MAX
MIN	0.7	0.32		1.8	0.15	0.0	0.02	0.02	0.01	0.19	3.3	1.8	MIN

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 234 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,
AT THE COMMUNITY OF DRUMQUIN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 11.6 SQUARE MILES.
REMARKS: STATION CONTROL IS A SHARP-CRESTED
120 DEGREE V-NOTCH WEIR.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

EAST OAKVILLE CREEK AT DRUMQUIN - STATION NO. 02HB204

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	19.9 B	1.7	0.65	93.1	2.5	3.1	0.92	0.12	0.0	0.0	9.3	7.9	01
02	17.6 B	4.4 B	1.6	61.0	3.2	2.6	0.55	0.02	0.0	0.1	7.7	5.1	02
03	15.3 B	45.1 B	18.3 B	49.3	4.0	2.1	0.39	0.01	0.0	0.14	5.6	3.9	03
04	14.6 B	13.2 B	91.2 B	33.3	3.8	1.6	0.26	0.01	0.0	0.02	4.1	3.6	04
05	14.1 B	6.5 B	56.6	20.2	3.0	1.2	0.23	0.0	0.0	0.01	2.7	10.6	05
06	12.1 B	4.9 B	72.3	11.6	2.1	1.3	0.16	0.0	0.0	0.01	2.0	12.9	06
07	5.3 B	1.3 B	51.3	7.4	1.6	1.1	0.12	0.0	0.0	0.01	1.5	7.0	07
08	2.8 B	3.2 B	58.4	5.1	1.7	0.78	0.07	0.0	0.0	0.01	1.3	4.5	08
09	1.8 B	2.8 B	28.3	3.7	2.8	0.67	0.02	0.0	0.0	0.01	0.99	3.6	09
10	1.4 B	2.3 B	31.5	3.2	4.0	0.5	0.02	0.0	0.0	0.01	0.82	3.4	10
11	1.2 B	1.5 B	138.0	2.9	5.1	0.41	0.01	0.0	0.0	0.01	0.74	3.4	11
12	1.0	1.3 B	185.0	2.6	7.6	0.39	0.01	0.0	0.0	0.01	0.7	3.0	12
13	0.92	1.2	34.5	2.2	4.4	0.32	0.01	0.0	0.0	0.01	0.66	2.7	13
14	0.87	0.96	258.0	1.9	2.9	0.2	0.01	0.0	0.0	0.02	0.63	2.4	14
15	0.88	0.92	114.0	1.7	2.3	0.06	0.01	0.0	0.0	0.02	11.6	2.0	15
16	0.94	0.848	31.9	1.6	1.9	0.08	0.0	0.0	0.0	0.02	36.4	1.5	16
17	2.2	0.728	180.0	1.4	1.7	0.12	0.0	0.0	0.0	0.02	11.3	1.1	17
18	43.4 B	0.6	36.5	1.3	1.6	0.2	0.0	0.0	0.0	0.02	6.6	0.82	18
19	71.5 B	0.59	22.0	1.2	1.5	0.15	0.0	0.0	0.0	0.02	7.1	0.66	19
20	43.2 B	0.63	20.3	1.1	1.2	0.15	0.0	0.0	0.0	0.04	6.8	0.84	20
21	11.7 B	0.668	18.8	1.0	1.1	0.29	0.0	0.0	0.0	0.03	5.8	1.1	21
22	15.0 B	0.668	13.2	1.1	0.88	0.27	0.0	0.0	0.0	0.03	12.6	1.1	22
23	35.3 B	0.658	20.0	0.88	0.7	0.26	0.0	0.0	0.0	0.03	9.1	1.1	23
24	17.1 B	0.658	47.2	1.1	0.71	0.13	0.0	0.0	0.02	0.02	7.6	1.1	24
25	7.8	0.668	38.5	0.96	0.63	0.14	0.13	0.0	0.01	0.02	24.8	1.3	25
26	7.5	0.62	20.8	0.8	0.41	0.15	0.12	0.0	0.01	0.03	12.0	2.5	26
27	9.1	0.58	12.5	1.0	0.84	0.18	0.06	0.0	0.01	0.03	7.1	44.6	27
28	7.9	0.55	7.1	3.9	17.7	0.45	0.01	0.0	0.01	0.14	40.2	84.7 B	28
29	3.9 B		8.3	4.2	21.2	1.0	0.01	0.0	0.01	1.0	45.3	45.2 B	29
30	3.4 B		19.8	3.1	7.6	1.8	0.01	0.0	0.0	14.6	14.4	25.1 B	30
31	2.3 B		22.5		4.3		0.01	0.0		10.1		16.6 B	31
TOTAL	392.01	142.49	1659.05	329.84	114.97	21.7	3.14	0.16	0.1	26.53	297.44	305.32	TOTAL
MEAN	12.64	5.08	53.51	10.99	3.7	0.72	0.1	0.0	0.0	0.85	9.91	9.64	MEAN
AC-FT	777.55	282.62	3290.72	654.23	228.04	43.04	6.22	0.31	0.19	52.62	589.97	605.6	AC-FT
MAX	71.5	45.1	258.0	93.1	21.2	3.1	0.92	0.12	0.03	14.6	45.3	84.7	MAX
MIN	0.87	0.55	0.65	0.8	0.41	0.06	0.0	0.0	0.0	0.0	0.63	0.66	MIN

SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 9.0 CFS
TOTAL DISCHARGE, 6530 AC-FT
MAXIMUM DAILY DISCHARGE, 258 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,
AT THE COMMUNITY OF DRUMQUIN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 11.6 SQUARE MILES.
REMARKS: STATION CONTROL IS A SHARP-CRESTED
120 DEGREE V-NOTCH WEIR.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

EAST OAKVILLE CREEK AT DRUMQUIN - STATION NO. 02HB204

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	11.9 B	45.2 B	22.1	5.5	1.8	0.75	2.2	0.0	0.0	0.01	0.01	0.37	01
02	8.5 B	20.9 B	23.6	37.9	1.3	0.56	1.6	0.0	0.0	0.01	0.01	0.35	02
03	6.7	9.3 B	16.8	29.5	1.1	0.45	1.0	0.0	0.0	0.0	0.01	0.46	03
04	5.5	5.0 B	133.0	431.0	0.86	0.39	0.69	0.0	0.0	0.0	0.02	0.35	04
05	4.4	2.9 B	522.0	38.6	0.88	0.29	0.55	0.0	0.0	0.0	0.07	0.31	05
06	3.6	1.9	40.0	16.4	1.5	0.24	0.72	0.0	0.0	0.0	0.03	0.32	06
07	3.2 B	1.6	42.2	11.5	2.3	0.22	0.63	0.0	0.0	0.0	0.01	0.34	07
08	2.7 B	1.4	20.7	16.2	1.9	0.19	0.36	0.0	0.0	0.0	0.01	0.66	08
09	2.4 B	1.1	9.2	7.9	27.5	0.16	0.23	0.0	0.0	0.0	0.01	1.3	09
10	2.0 B	1.0	10.4	5.5	19.0	0.12	0.16	0.0	0.0	0.0	0.01	1.3	10
11	1.8	0.96	15.8 B	4.2	7.4	0.08	0.1	0.0	0.0	0.0	0.01	0.78	11
12	1.7	0.9	7.6 B	4.4	106.0	0.06	0.06	0.0	0.0	0.0	0.06	0.95	12
13	1.6	0.97	4.0 B	10.7	49.0	0.06	0.04	0.0	0.0	0.0	0.1	1.6	13
14	1.6	1.0	3.2 B	14.2	12.7	0.09	0.02	0.0	0.0	0.04	1.2	1.8	14
15	1.6	0.89	3.4	27.0	8.8	0.18	0.02	0.0	0.0	0.02	0.9	1.3	15
16	1.6	0.75	3.0	9.7	419.0	0.56	0.01	0.0	0.0	0.01	0.91	1.2	16
17	1.6	0.71	3.0 B	5.5	1970.0	2.7	0.01	0.0	0.0	0.01	0.6	1.3	17
18	1.6	0.67	3.2 B	3.7	30.7	2.0	0.01	0.0	0.0	0.01	0.44	1.3	18
19	1.5	0.69	3.4	2.8	10.0	6.2	0.0	0.0	0.0	0.01	0.38	1.2	19
20	1.5	0.74	3.3	2.3	5.7	15.5	0.0	0.0	0.0	0.01	0.8	0.92	20
21	3.1	0.84	3.5	2.0	3.9	5.9	0.0	0.0	0.0	0.01	8.7	0.79	21
22	6.0	63.0	3.0	2.7	2.9	7.0	0.0	0.0	0.0	0.01	4.9	0.79	22
23	35.7	29.0 B	2.8	10.8	2.3	4.7	0.0	0.0	0.0	0.0	2.0	0.81	23
24	69.5	13.1 B	2.6 B	9.4	1.7	2.6	0.0	0.0	0.0 E	0.01	1.4	0.91	24
25	66.2	9.0 B	2.2 B	5.2	1.3	3.1	0.0	0.0	0.0 E	0.01	1.5	1.3	25
26	31.9	6.8 B	2.1	3.3	1.1	4.3	0.0	0.0	0.0 F	0.01	1.1	1.1	26
27	190.0	5.5 B	2.0	2.4	0.92	3.2	0.0	0.0	0.0	0.01	0.71	0.8	27
28	213.0	6.4 B	2.2	1.9	0.82	2.1	0.0	0.0	0.0	0.01	0.55	0.7	28
29	46.9		1.4 B	1.8	0.92	2.1	0.0	0.0	0.03	0.01	0.47	0.67	29
30	30.4		1.9	1.7	0.98	2.3	0.0	0.0	0.01	0.01	0.42	0.71	30
31	56.0		2.4		0.93		0.0	0.0		0.01		0.69	31
TOTAL	815.7	232.22	916.0	725.7	2695.21	68.1	8.41	0.0	0.04	0.23	27.34	27.38	TOTAL
MEAN	26.31	8.29	29.54	24.19	86.94	2.27	0.27	0.0	0.0	0.0	0.91	0.88	MEAN
AC-FT	1617.94	460.6	1816.88	1439.42	5345.94	135.07	16.68	0.0	0.07	0.45	54.22	54.3	AC-FT
MAX	213.0	63.0	522.0	431.0	1970.0	15.5	2.2	0.0	0.03	0.04	8.7	1.8	MAX
MIN	1.5	0.67	1.4	1.7	0.82	0.06	0.0	0.0	0.0	0.0	0.01	0.31	MIN

SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 15.1 CFS
TOTAL DISCHARGE, 10900 AC-FT
MAXIMUM DAILY DISCHARGE, 1970 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,
AT THE COMMUNITY OF DRUMQUIN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 11.6 SQUARE MILES.
REMARKS: STATION CONTROL IS A SHARP-CRESTED
120 DEGREE V-NOTCH WEIR.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.0	4.0	3.4 8	3.6	1.7	0.25	0.01	0.0 E	0.5	0.17	0.3	2.1	01
02	1.2	2.3	2.6 8	3.4	1.5	0.21	0.0	0.0 E	0.76	0.17	0.43	2.0	02
03	1.1	1.6	2.1 8	3.8	1.4	0.21	0.0	0.1 E	0.61	0.13	0.57	1.5	03
04	1.2	0.93	1.8 8	2.6	1.9	0.22	0.0	0.1 E	0.37	0.1	0.99	1.1	04
05	1.2	0.71	1.5 8	2.1	3.5	0.33	0.0	0.0 E	0.21	0.1	1.0	0.94	05
06	1.2	0.67	1.3 8	2.5	57.7	0.36	0.0	0.0 E	0.15	0.08	0.93	3.4	06
07	1.2	0.57	1.3 8	8.1	53.6	0.29	0.0	0.0 E	0.09	0.07	0.74	5.8	07
08	1.4	0.44	1.3 8	25.0	12.3	0.27	0.0	0.0 E	0.05	0.06	0.69	3.0	08
09	2.8	0.4	1.2 8	25.4	6.0	0.18	0.0	0.0 E	0.02	0.07	0.61	2.0	09
10	6.8	0.358	1.2 8	19.2	3.7	0.12	0.0	0.0 E	0.02	0.07	1.9	2.3	10
11	5.3	0.318	1.3	13.6	2.6	0.08	0.01	0.0 E	0.03	0.05	5.1	2.4	11
12	6.1	0.28	1.9	9.7	2.0	0.22	0.01	0.0 E	0.18	0.05	2.8	2.3	12
13	4.6	0.278	31.2	6.3	1.8	0.17	0.01	0.0 E	0.11	0.08	1.7	2.0	13
14	3.1	0.26	19.7	5.2	1.5	0.36	0.01	0.0 E	0.08	0.09	1.2	5.5	14
15	1.9	0.27	10.7	5.6	1.2	0.28	0.01	0.0 E	0.26	0.08	0.86	24.3	15
16	1.3	0.37	10.3	6.0	0.97	0.23	0.0	0.0 E	0.21	0.13	0.74	14.0	16
17	0.54	0.55	20.9	5.2	0.78	0.16	0.0	0.0 E	0.15	0.27	0.64	5.9	17
18	0.48	2.2	27.5	5.6	0.69	0.16	0.0	0.0 E	0.23	0.35	0.59	3.4	18
19	0.398	6.1	56.8	239.0	0.61	3.9	0.07	0.0 E	0.88	0.47	0.56	2.2	19
20	0.318	11.8	68.8	29.3	0.5	4.4	0.02	0.0 E	2.7	1.1	0.55	1.5	20
21	0.26	12.1	17.0	10.3	0.44	1.7	0.01	0.0 E	1.8	4.3	0.58	1.4	21
22	0.25	26.8	30.9	5.9	0.38	0.83	0.01	0.0 E	1.1	2.1	0.56	1.2	22
23	0.22	71.7	41.3	4.3	0.28	0.52	0.0	0.0	0.66	1.2	0.5	1.2	23
24	0.22	327.0	26.0	5.8	0.22	0.4	0.0	0.75	0.41	0.79	0.51	1.0	24
25	0.89	289.0	31.9	6.8	0.19	0.25	0.0	0.24	0.27	0.67	0.51	0.98	25
26	2.2	18.3	21.0	4.3	0.24	0.17	0.0	0.07	0.26	0.5	0.5	1.1	26
27	3.1	7.7 8	6.7	3.2	0.35	0.13	0.01	0.02	0.24	0.44	0.8	1.2	27
28	2.1	4.9 8	4.4	2.5	0.26	0.09	0.04	0.01	0.2	0.37	1.7	1.1	28
29	23.8		4.3	2.2	0.19	0.04	0.01	0.04	0.16	0.33	2.4	1.1	29
30	28.1		5.0	1.9	0.14	0.02	0.01	0.1	0.14	0.27	2.1	1.6	30
31	7.3		4.0		0.21		0.0 E	0.08		0.25		3.0	31
TOTAL	111.56	791.88	459.3	468.4	158.85	16.55	0.24	1.51	12.85	16.91	33.06	102.72	TOTAL
MEAN	3.59	28.28	14.81	15.61	5.12	0.55	0.0	0.04	0.42	0.54	1.1	3.31	MEAN
AC-FT	221.27	1570.69	911.02	929.07	315.07	32.82	0.47	2.99	25.46	33.54	65.57	203.74	AC-FT
MAX	28.1	327.0	68.8	239.0	57.7	4.4	0.07	0.75	2.7	4.3	5.1	24.3	MAX
MIN	0.22	0.26	1.2	1.9	0.14	0.02	0.0	0.0	0.02	0.05	0.3	0.94	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 6.0 CFS
TOTAL DISCHARGE, 4310 AC-FT
MAXIMUM DAILY DISCHARGE, 327 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,
AT THE COMMUNITY OF DRUMQUIN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 11.6 SQUARE MILES.
REMARKS: STATION CONTROL IS A SHARP-CRESTED
120 DEGREE V-NOTCH WEIR.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

EAST OAKVILLE CREEK AT DRUMQUIN -- STATION NO. 02HB204

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.1 8	1.1 8	16.1	59.9	4.3	0.92		0.2	0.01	0.41	0.79	0.5	01
02	3.0 8	1.1 8	8.5	18.2	3.5	1.3		1.3	0.01	0.3	0.83	0.42	02
03	2.9 8	1.0 8	5.9	9.5	3.6	0.91		0.64	0.0	0.25	0.8	0.34	03
04	2.6 8	1.0 8	5.4	5.7	3.3	0.65		0.3	0.0	0.22	0.71	0.31	04
05	2.0 8	0.958	50.6	4.0	2.5	0.48		0.18	0.0	0.19	0.65	0.29	05
06	1.5 8	0.958	214.0	3.1	4.8	0.35		0.11	0.0	0.19	0.63	0.29	06
07	1.4 8	0.9 8	54.1	2.5	208.0	0.26		0.06	0.0	0.25	0.6	0.33	07
08	1.3 8	0.9 8	23.4	2.2	32.8		6.6	0.1	0.0	0.21	0.6	0.32	08
09	1.2 8	0.9 8	12.6	1.9	11.0		4.8	0.1	0.0	0.46	0.57	0.26	09
10	1.1 8	1.6	11.0	1.8	5.9		2.6	0.06	0.0	0.68	0.55	0.26	10
11	1.1 8	3.4	10.9	1.6	6.4		2.0	0.02	0.0	0.73	0.51	0.29	11
12	1.0 8	6.0	9.4	1.4	8.6		1.7	0.12	0.0	0.75	0.48	0.3	12
13	1.0 8	11.7	109.0	1.3	4.8		1.0	0.23	0.0	0.59	0.47	0.27	13
14	0.958	26.0	40.7	1.2	3.3		0.69	0.25	0.0	0.46	0.45	0.23	14
15	0.9 8	67.8	21.2	1.5	2.6		0.53	1.4	0.0	0.37	0.42	0.22	15
16	0.9 8	286.0	18.6	11.9	2.8		0.48	0.93	0.0	0.29	0.41	0.22	16
17	0.858	214.0	9.2	9.2	14.2		0.41	0.66	0.33	0.25	0.39	0.24	17
18	0.8 8	200.0	6.0	4.2	7.1		0.33	0.34	5.8	0.22	0.38	0.27	18
19	0.738	282.0	107.0	2.7	3.8		0.25	0.2	3.6	0.2	0.38	0.26	19
20	0.778	71.3	467.0	1.9	2.5		0.21	0.12	1.8	0.28	0.39	1.0	20
21	0.768	34.9	107.0	1.6	1.9		0.25	0.05	0.97	0.75	0.42	1.5	21
22	0.718	109.0	18.1	1.7	1.5		0.2	0.02	0.72	2.2	0.43	1.7	22
23	0.668	60.4	8.2	1.7	1.2		0.16	0.01	0.55	2.2	0.42	0.94	23
24	0.648	27.3	8.7	1.7	0.93		0.16	0.01	0.42	2.2	0.39	0.6	24
25	0.588	67.0	4.6	34.3	1.1		0.12	0.01	0.32	1.9	0.36	0.44	25
26	1.2 8	103.0	8.3	93.7	1.7		0.08	0.0	0.35	2.0	0.44	0.35	26
27	2.3 8	46.2	6.1	95.0	1.7		0.04	0.0	0.51	1.7	0.63	0.31	27
28	2.1 8	25.8	8.2	45.8	1.5		0.02	0.0	0.49	1.3	1.4	0.28	28
29	1.5 8	15.2	5.8	13.0	0.97		0.1	0.01	0.64	1.0	1.3	0.29	29
30	1.3 8		4.2	6.6	0.52		0.1	0.01	0.5	0.81	0.71	0.26	30
31	1.2 8		12.5		0.66		0.13	0.01		0.81		0.25	31
TOTAL	42.05	1662.4	1397.3	440.8	349.48			7.45	17.02	24.17	17.51	13.54	TOTAL
MEAN	1.35	57.32	45.07	14.69	11.27			0.24	0.56	0.77	0.58	0.43	MEAN
AC-FT	83.4	3297.37	2771.54	874.32	693.19			14.77	33.75	47.94	34.73	26.85	AC-FT
MAX	3.1	286.0	467.0	95.0	208.0			1.4	5.8	2.2	1.4	1.7	MAX
MIN	0.58	0.9	4.2	1.2	0.52			0.0	0.0	0.19	0.36	0.22	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 467 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,
AT THE COMMUNITY OF DRUMQUIN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 11.6 SQUARE MILES.
REMARKS: STATION CONTROL IS A SHARP-CRESTED
120 DEGREE V-NOTCH WEIR.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.268	0.218	18.2	8.9	1.5	0.06	0.01	0.08	0.16	5.0			01
02	0.258	0.2 B	9.3	6.6	1.5	0.09	0.0	0.02	0.47	105.0			02
03	0.258	0.2 B	7.1	42.9	1.1	0.07	0.0	0.01	0.34	37.9			03
04	0.258	0.228	56.7	13.4	0.96	0.02	0.0	0.01	0.2	14.0			04
05	0.258	0.248	315.0	34.5	0.94	0.01	0.01E	0.01	0.17	7.1			05
06	0.248	0.248	47.2	17.5	0.83	0.08	0.02E	0.01	0.19	4.5			06
07	0.238	0.238	23.5	7.3	0.73	0.05	0.05E	0.01	0.17	3.2			07
08	0.218	0.228	44.3	4.8	0.62	0.02	0.1 E	0.15	0.14	2.6			08
09	0.198	0.218	199.0	3.7	0.49	0.01	0.18	0.06	0.11	26.6			09
10	0.238	0.228	168.0	3.0	0.44	0.01	0.13	0.07	0.08	75.1			10
11	0.258	0.238	33.2	2.7	0.37	0.01	0.07	0.02	0.05	19.7			11
12	0.228	0.3 B	20.2	2.5	0.35	0.0	0.09	0.01	0.03				12
13	0.228	1.1 B	229.0	2.3	0.31	0.0	0.06	0.01	0.07				13
14	0.238	1.1 B	33.8	2.0	0.27	0.0	0.02	0.03	0.22				14
15	0.236	1.9 B	13.9	1.7	0.24	0.0	0.01	0.02	0.36				15
16	0.248	4.2	9.1	1.5	0.22	0.0	0.05	0.11	1.3				16
17	0.258	10.1	5.9	1.1	0.19	0.0	0.02	0.14	1.6				17
18	0.248	5.7	4.3	1.1	0.21	0.05	0.01	0.16	1.8				18
19	0.248	3.1	3.4	1.0	0.2	0.03	0.01	0.09	2.4				19
20	0.238	3.0	3.2	0.91	0.16	0.01	0.01	0.13	2.2				20
21	0.238	3.2	3.0	0.91	0.15	0.01	0.0	0.23	2.3				21
22	0.248	2.4	3.9	1.9	0.11	0.0	0.0	0.38	2.1				22
23	0.238	1.3	3.9	82.9	0.15	0.0	0.0	0.33	1.7				23
24	0.238	2.0	5.8	85.9	0.23	0.0	0.0	0.25	1.3				24
25	0.268	3.3	4.3	19.7	0.26	0.21	0.0	0.45	56.7				25
26	0.278	5.9	5.0	10.1	0.19	0.06	0.0	0.36	43.3				26
27	0.278	12.5	9.1	6.4	0.17	0.02	0.0	0.24	66.0				27
28	0.298	22.6	17.5	4.4	0.14	0.01	0.0	0.24	18.3				28
29	0.288		46.1	3.1	0.06	0.05	0.0	0.19	8.6				29
30	0.258		20.3	2.3	0.03	0.02	0.0	0.15	5.2				30
31	0.248		14.6		0.02		0.14	0.11					31
TOTAL	7.5	86.12	1377.8	377.02	13.46	0.9	0.99	4.08	217.56				TOTAL
MEAN	0.24	3.07	44.44	12.56	0.43	0.03	0.03	0.13	7.25				MEAN
AC-FT	14.87	170.81	2732.86	747.81	26.69	1.78	1.96	8.09	431.53				AC-FT
MAX	0.29	22.6	315.0	85.9	1.8	0.21	0.18	0.45	66.0				MAX
MIN	0.19	0.2	3.0	0.91	0.02	0.0	0.0	0.01	0.03				MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 315 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,
AT THE COMMUNITY OF DRUMQUIN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 11.6 SQUARE MILES.
REMARKS: STATION CONTROL IS SHARP-CRESTED
120 DEGREE V-NOTCH WEIR.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

VENISON CREEK NEAR SOUTH MIDDLETON - STATION NO. 02GC202

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01						3.1	9.5		3.3	3.5	3.4	11.8	01
02						3.1	7.7		3.7	3.4	3.3	12.0	02
03						2.9	6.8		3.6	3.7	3.2	11.2	03
04						2.8	6.1		3.5	2.7	3.1	14.3 E	04
05						2.8	5.9		4.2	2.6	3.1	19.9 E	05
06						2.7	15.3		13.7	2.5	3.0	13.9 E	06
07						2.7	9.4		10.4	2.7	3.2	8.3	07
08						2.7	7.0		6.4	2.7	3.4	7.4	08
09						2.6	6.2		5.1	2.6	3.3	6.5	09
10						2.5	5.9		4.4	2.5	3.4	5.7	10
11						2.5			4.9	2.5	3.6	5.3	11
12						2.5			4.6	2.4	3.4	5.3	12
13						2.5			4.3	2.4	3.3	6.8	13
14						2.4			4.1	2.3	3.2	7.4	14
15						2.5			4.0	2.3	3.6	6.1	15
16						2.6			3.8	2.2	9.3	5.4	16
17						2.5			3.6	2.1	7.9	5.0	17
18						2.4			3.6	2.2	10.7	4.7	18
19						2.4			3.5	3.4	8.7	4.7	19
20						2.5			3.5	4.0	6.4	4.8	20
21						2.4		3.7	3.5	3.3	5.6	4.6	21
22						2.5		3.8	3.6	3.0	6.9	4.7	22
23						2.5		3.8	3.9	2.9	5.8	10.6 E	23
24						2.4		3.7	3.8	2.9	5.2	6.7	24
25						3.5		3.7	3.7	2.9	5.1	5.5	25
26						68.6		3.6	3.6	2.9	4.8	5.3	26
27						21.0		3.5	3.5	2.8	5.0	5.2	27
28					3.2	14.0		3.4	3.6	3.0	8.1 E	8.2 E	28
29					3.3	14.2		3.4	3.6	4.5	17.5 E	13.3 E	29
30					3.2	14.7		3.4	3.6	4.1	13.8 E		30
31					3.1			3.3		3.6		8.4 B	31
TOTAL						198.5			135.0	90.6	170.3	239.0	TOTAL
MEAN						6.61			4.5	2.92	5.67	7.96	MEAN
AC-FT						393.72			267.77	179.7	337.79	474.05	AC-FT
MAX						68.6			13.7	4.5	17.5	19.9	MAX
MIN						2.4			3.3	2.1	3.0	4.0	MIN

SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 68.6 CFS
MINIMUM DAILY DISCHARGE, 2.1 CFS

LOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.5 MILES
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 7.2 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	7.4		5.1		6.6	7.4	4.8			2.6	3.5	5.2	01
02	7.1		5.0		6.1	8.3	4.8			2.8	5.2	4.8	02
03	6.2 B		5.1		6.0	9.5	4.7			2.8	5.2	4.9	03
04	5.7 B		5.0		5.9	7.9	4.8			2.7	5.3	4.7	04
05	5.7		4.8		5.5	6.6	6.0			2.6	7.1	4.5	05
06	5.6	9.1	4.7		5.2	7.2	5.6			2.6	5.9	4.4	06
07	5.0	8.2	4.7		5.0	7.4	5.0			2.6	5.3	4.8	07
08	4.9 B	7.7	4.5	8.8	6.9	6.7	4.8			2.6	5.0	15.4	08
09	5.0 B	7.4	4.4	5.9	7.6	6.2	4.6			2.7	4.8	9.5	09
10	4.9	7.0	4.4	8.1	9.2	5.5	4.5		2.6	2.6	4.7	7.4	10
11	4.9	6.8	3.9 B	6.4	13.1 E	5.2	4.5		2.6	2.5	4.6	9.6	11
12	4.9	6.6	3.9 B	5.1	10.8 E	5.0	4.6		3.5	2.5	4.6	9.2	12
13	4.9	6.2	3.9 B	4.5	8.2	4.8	4.5		3.2	2.5	4.7	7.9	13
14	4.8	5.9	3.9 B	4.2	7.2	4.7	4.4		3.0	2.6	6.0	7.4	14
15	4.8	5.6	4.3	4.0	6.3	5.1	4.3		2.9	2.6	6.7	7.0	15
16	4.6	5.5	4.3	6.7	5.7	6.4	4.3		2.9	2.7	5.7	6.3	16
17	4.8	5.3	4.3	5.9	5.4	5.5	4.4		3.2	2.7	5.5	5.9	17
18		5.2	4.5			5.2	4.5		3.0	2.7	9.5	5.8	18
19		5.1	4.9			5.0	4.8		3.0	2.7	17.4	5.7	19
20		5.0	5.2			5.0	4.7		2.9	3.0	12.9	5.5	20
21		5.0	6.8			4.9	4.5		2.9	3.1	8.0	5.4	21
22		5.3	6.3		11.3	4.6	4.4		2.8	3.4	6.8	5.3	22
23		5.6	5.9		10.1	4.9	3.9		2.7	3.5	6.5	4.8	23
24		5.5			8.6	5.6	3.6		2.9	3.4	6.3	4.6	24
25		5.6			7.7	5.3			2.9	3.4	6.0	4.4	25
26		5.4			7.0	4.9			2.8	3.2	5.7	4.4	26
27		5.2			6.4	4.7			2.8	3.5	5.5	4.3	27
28		5.1			6.3	6.7			2.7	3.6	5.4	4.1	28
29				7.9	6.0	5.4			2.7	3.5	5.3	4.1	29
30				7.2	5.7	4.9			2.7	3.5	5.3	4.1	30
31					5.4					3.5		4.1	31
TOTAL						176.3				90.6	190.4	185.5	TOTAL
MEAN						5.87				2.92	6.34	5.98	MEAN
AC-FT						349.69				179.7	377.65	367.93	AC-FT
MAX						9.5				3.6	17.4	15.4	MAX
MIN						4.6				2.5	3.5	4.1	MIN

SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 17.4 CFS
MINIMUM DAILY DISCHARGE, 2.5 CFS

LOCATION: AT THE CULVERT ON THE TOWNLIN ROAD, 1.5 MILES
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 7.2 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

VENISON CREEK NEAR SOUTH MIDDLETON -- STATION NO. 02GC202

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.9	6.2 B	4.3	8.0	9.7	3.1	2.2	1.3	1.7	1.6	4.0	8.0	01
02	3.7	10.2	4.3	29.7 E	6.8	2.5	2.2	1.3	1.6	1.7	3.5	6.9	02
03	3.7	11.6	4.3	25.2 E	5.5	2.5	2.2	1.2	1.7	1.6	4.9	6.5 E	03
04	3.6	5.7 B	5.4	16.0	5.0	2.5	2.3 E	1.5	1.7	1.5	12.2 E	19.0 E	04
05	3.6	7.6	23.4	11.5	4.8	2.5	2.2 E	1.5	1.7	2.1	15.0 F	10.9	05
06	3.4	7.0	16.1	9.8	4.5	2.5	2.2 E	1.5	1.6	2.2	6.3	8.1	06
07	3.5	6.7	12.2	7.4	4.3	2.5	2.1	1.5	1.6	1.8	5.0	6.4	07
08	3.5	6.4	10.8	8.8	4.2	2.4	2.2	1.5	1.7	1.7	4.4	5.9	08
09	3.3	6.3	9.2	7.5	4.0	2.4	2.2	1.3	1.7	1.6	4.0	6.1	09
10	3.3	6.2	7.8	6.9	3.9	2.4	2.2	1.2	1.7	1.6	5.2	6.4	10
11	3.4	6.5	7.0	6.5	3.8	2.4	2.2	1.1	1.7	1.6	6.7	6.3	11
12	3.5	5.9	6.6	6.2	5.4	2.4	2.2	1.2	1.6	1.6	6.3	6.2	12
13	3.5	5.5	6.4	5.9	6.9	2.3	2.2	1.5	1.6	1.8	5.9	6.5	13
14	3.4	5.0	6.4	4.7	6.4	2.3	2.2	1.4	1.7	1.9	4.9	6.6	14
15	3.3	4.9	5.8	3.5	5.7	2.3	2.4	1.4	1.7	1.8	4.8	6.5	15
16	3.3	4.7	5.5	3.5	6.5	2.3	2.3	1.5	1.7	1.7	4.9	6.5	16
17	3.5	4.5	5.3	3.3	5.8	2.3	2.3	1.5	1.7	1.6	4.7	6.4	17
18	3.6	4.6	5.6	3.3	4.1	2.3	2.3	1.5	1.8	1.5	4.7	7.6	18
19	3.4	5.2	6.7	3.4	4.3	2.2	2.3	1.6	1.7	1.5	4.5	12.2 E	19
20	3.2	4.7	11.3	4.2	5.0	2.3	2.5	1.6	1.7	1.5	5.3	10.9 E	20
21	3.1	4.4	12.9	4.1	4.9	2.3	2.4	1.6	1.6	2.0	8.9	9.8	21
22	3.0	4.7	10.6	3.9	4.7	2.2	2.3 E	1.6	1.6	2.4	6.4	7.1	22
23	3.0	5.5 E	12.0	5.1	4.4	2.2	2.3 E	1.6	1.8	3.1	5.3	6.5	23
24	3.0	4.5	14.0	6.3	4.4	2.2	2.3 E	1.6	1.8	2.8	4.7	5.3	24
25	3.0	4.6	10.8	8.5	4.7	2.2	2.2 E	1.6	2.4	2.3	4.5	5.4	25
26	3.3	4.5	12.6	6.1	4.1	2.3	2.2 E	1.6	2.4	2.4	4.5	5.1	26
27	3.4	4.6	12.2	5.1	4.1	2.2	2.2 E	1.6	1.9	2.3	7.7	5.0	27
28	3.6	4.4	9.6	4.6	3.9	2.2	2.3 E	1.6	1.8	2.2	16.4 E	4.8	28
29	6.7		8.6	6.3	3.7	2.2	2.3 E	1.7	1.7	2.2	12.1	4.7	29
30	7.3 B		8.2	8.0	3.6	2.2	2.4 E	1.7	1.7	2.8	10.2	4.4	30
31	6.0 B		8.0		3.5		2.3 E	1.7		3.8		4.2	31
TOTAL	115.0	162.6	283.9	233.3	152.6	70.6	70.1	46.0	52.3	62.2	197.9	229.8	TOTAL
MEAN	3.7	5.8	9.15	7.77	4.92	2.35	2.26	1.48	1.74	2.0	6.59	7.41	MEAN
AC-FT	228.1	322.51	563.11	462.75	302.68	140.03	139.04	91.24	103.73	123.37	392.53	455.8	AC-FT
MAX	7.3	11.6	23.4	29.7	9.7	3.1	2.5	1.7	2.4	3.8	16.4	19.6	MAX
MIN	3.0	4.4	4.3	3.3	3.5	2.2	2.1	1.1	1.0	1.5	3.5	4.2	MIN

SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 4.6 CFS
TOTAL DISCHARGE, 3330 AC-FT
MAXIMUM DAILY DISCHARGE, 29.7 CFS
MINIMUM DAILY DISCHARGE, 1.1 CFS

LOCATION: AT THE CULVERT ON THE TOWNLIN ROAD, 1.5 MILES
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 7.2 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

VENISON CREEK NEAR SOUTH MIDDLETON - STATION NO. 02GC202

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DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.2	2.3	21.2 E	10.2	3.0	3.1	2.2	2.0	1.4	1.4	1.7	1.5	01
02	4.2	2.3	17.4 E	24.1	4.9	3.1	2.2	2.0	1.4	1.4	1.7	1.5	02
03	4.1	2.3	15.2 E	19.4	4.8	3.1	2.2	1.9	1.4	1.4	1.7	1.5	03
04	3.5	2.3	11.5 E	13.2	4.0	3.0	2.2	1.8	1.4	1.4	1.7	1.4	04
05	11.1	2.9	9.8	10.8	4.5	3.0	2.2	1.7	1.4	1.4	1.7	1.4	05
06	6.5	3.2	8.1	9.9	4.4	3.0	2.3	1.4	1.4	1.5	1.7	1.5	06
07	4.6	3.5	12.8 E	9.3	4.5	3.0	2.2	1.3	1.4	1.5	1.7	1.5	07
08	4.0	3.6	14.1 E	8.8	4.2	2.9	2.2	1.3	1.4	1.5	1.7	1.5	08
09	3.8	3.3	11.6 E	8.3	4.1	2.9	2.1	1.8	1.3	1.6	1.7	1.5	09
10	3.7	3.2	8.6	7.7	3.6	2.9	2.1	1.8	1.3	1.6	1.7	2.5	10
11	3.6	3.1	7.7	7.2	3.0	2.9	2.0	2.0	1.4	1.6	1.7	2.4	11
12	3.5	3.2	7.1	7.1	2.9	2.8	1.7	1.9	1.4	1.6	1.6	2.2	12
13	3.3	3.2	7.1	7.2	2.9	2.8	2.1	1.8	1.4	1.6	1.6	2.1	13
14	3.4	3.2	13.7	9.5	2.9	2.8	1.7	1.8	1.4	1.6	1.6	1.9	14
15	3.3	3.0	38.3	8.1	2.8	2.7	1.8	1.8	1.4	1.6	1.5	2.4	15
16	3.2	3.0	32.1	7.4	2.8	2.7	2.0	1.8	1.4	1.6	1.5	2.8	16
17	3.1	2.9	17.0	7.0	2.8	2.7	2.0	1.7	1.4	1.6	1.5	2.6	17
18	3.0	2.8	13.3	6.7	2.8	2.6	2.0	1.7	1.4	1.8	1.4	2.3	18
19	2.9	2.8	12.6	6.3	2.8	2.6	1.9	1.5	1.4	1.6	1.5	2.2	19
20	2.9	2.9	12.0	6.1	2.8	2.5	1.9	1.5	1.5	1.6	1.5	3.1	20
21	2.9	4.0	11.2	5.9	2.7	2.5	1.9	1.5	1.5	1.6	1.4	3.7	21
22	2.9	6.2	12.2	5.8	2.7	2.5	1.6	1.5	1.4	1.6	1.4	3.5	22
23	2.9	10.1	13.1	5.6	2.7	2.4	1.6	1.7	1.4	1.7	1.4	3.4	23
24	2.9	10.0	11.4	5.6	2.7	2.4	1.9	1.6	1.4	1.8	1.4	3.4	24
25	2.9	9.4	9.9	5.5	2.9	2.4	1.9	1.6	1.4	1.9	1.4	3.3	25
26	2.8	11.6 E	9.3	5.4	3.0	2.3	2.0	1.6	1.4	1.8	1.4	3.4	26
27	2.2	29.8 E	9.4	5.3	3.2	2.1	2.0	1.8	1.4	1.8	1.5	3.4	27
28	2.1	33.2 E	10.4	5.3	3.2	2.0	2.0	1.6	1.4	1.8	1.5	3.6	28
29	2.3		12.1	5.3	3.2	1.9	2.0	1.6	1.4	1.8	1.5	3.6	29
30	2.4		11.8	5.2	3.2	2.1	2.0	1.5	1.4	1.7	1.5	3.6 B	30
31	2.2		9.9		3.1		2.0	1.5		1.7		3.8 B	31
TOTAL	112.4	173.3	411.9	249.2	105.5	79.7	61.9	52.0	42.0	48.5	46.8	78.5	TOTAL
MEAN	3.62	6.18	13.28	8.3	3.4	2.65	1.99	1.67	1.4	1.61	1.56	2.53	MEAN
AC-FT	222.94	343.74	817.0	494.28	209.25	158.08	122.77	103.14	83.3	96.19	92.82	155.7	AC-FT
MAX	11.1	33.2	38.3	24.1	5.0	3.1	2.3	2.0	1.5	1.9	1.7	3.8	MAX
MIN	2.1	2.3	7.1	5.2	2.7	1.9	1.6	1.3	1.3	1.4	1.4	1.4	MIN

SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 4.0 CFS
 TOTAL DISCHARGE, 2900 AC-FT
 MAXIMUM DAILY DISCHARGE, 38.3 CFS
 MINIMUM DAILY DISCHARGE, 1.3 CFS

LOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.5 MILES
 WEST OF THE COMMUNITY OF SOUTH MIDDLETON.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 7.2 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED
 NATURAL FLOW

VENISON CREEK NEAR SOUTH MIDDLETON - STATION NO. 02GC202

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.9 B	2.5	5.2	11.3	3.2	3.3	5.0	2.5	2.5	2.3	2.5	5.4	01
02	3.1	2.5	45.4	9.7	9.0	3.2	4.3	3.0	2.4	2.3	2.7	5.0	02
03	3.1	2.5	19.8	8.2	50.2	3.1	6.7	2.9	2.5	2.3	2.6	4.9	03
04	2.9	2.6	11.0	8.7	22.5	3.0	13.6	2.9	2.4	2.3	2.6	4.9	04
05	2.6	2.5	7.9	9.7	12.3	2.9	7.3	2.8	2.4	2.3	2.6	4.6	05
06	2.5	2.4	6.1	9.4	9.1	2.8	5.3	2.8	2.4	2.3	2.6	23.3	06
07	2.4	2.4	6.6	7.4	8.0	2.8	4.4	2.9	2.3	2.4	2.6	23.4	07
08	2.4	2.3	14.6 E	6.1	2.7	3.9	2.9	2.9	2.5	2.3	2.7	9.2	08
09	2.5	2.3	6.6 B	5.5	2.7	3.6	3.0	2.4	2.4	2.3	2.7	7.4	09
10	5.3	2.2	5.9 B	5.4	2.7	3.5	2.9	2.4	2.4	2.3	2.8	7.2	10
11	5.9	2.2	5.3 B	5.7		2.7	3.3	2.9	2.3	2.3	2.9	6.8	11
12	4.4	2.2	9.4	5.6		2.7	3.2	2.9	2.3	2.3	2.9	5.7	12
13	3.8 B	2.3	15.2 E	23.8		2.7	3.1	2.8	2.4	2.3	2.9	14.5	13
14	3.6 B	2.4	4.3	19.1		2.7	3.1	2.8	2.3	2.3	3.4	24.9	14
15	3.1	2.5	6.5	23.5		2.6	3.5	2.8	2.3	2.3	3.9	19.9	15
16	2.5	2.6	11.4	31.0		2.6	4.2	2.8	2.5	2.3	3.7	14.5	16
17	2.5	2.5	7.2	90.6		2.5	3.9	2.8	2.3	2.4	3.5	10.2	17
18	2.5	2.5	12.0	26.2		2.5	3.5	2.7	2.3	2.4	3.3	6.3	18
19	2.8	2.5	14.8	15.8		2.4	3.4	2.7	2.3	2.4	3.4	7.4	19
20	3.0	2.2	12.8	43.0		2.4	3.2	2.6	2.3	2.3	4.5	10.4	20
21	2.9	2.2	14.3	29.3		2.5	3.1	2.5	2.3	2.3	5.2	11.9	21
22	2.8	2.3	43.4 E	20.5		4.6	3.0	2.2	2.3	2.5	4.8	10.8	22
23	8.3	2.3	21.1	24.9		8.7	3.0	2.3	2.3	2.7	4.1	11.8	23
24	5.4	2.3	15.9	14.8		9.5	3.0	2.4	2.3	2.5	9.5	14.9	24
25	4.5 B	2.3	11.0 B	11.3	3.4	8.5	2.9	2.6	2.3	2.5	5.3	16.1	25
26	4.0	2.3	10.5	9.2	3.2	9.8	2.9	2.5	2.4	2.5	5.6	16.0	26
27	3.3	2.3	10.3	7.2	3.1	7.1	3.0	2.6	2.4	2.5	15.7	14.1	27
28	3.0	2.3	9.9	3.7	3.1	5.3	2.9	2.6	2.3	2.5	7.6	10.9	28
29	2.8	2.3	10.5	3.3	3.0	4.6	2.9	2.5	2.3	2.6	7.9	8.0	29
30	2.7		16.5	3.2	3.1	6.6	2.9	2.5	2.4	2.5	5.9	8.0	30
31	2.6		11.5		3.2		2.7	2.5		2.5		27.8	31
TOTAL	106.1	68.7	402.9	493.1		122.2	124.9	83.6	70.6	74.0	132.4	369.4	TOTAL
MEAN	3.42	2.36	12.99	16.43		4.07	4.02	2.69	2.35	2.38	4.41	11.91	MEAN
AC-FT	210.44	136.26	799.15	978.06		242.38	247.73	165.82	140.03	146.77	262.61	732.7	AC-FT
MAX	8.3	2.6	45.4	90.6		9.8	13.6	3.0	2.5	2.7	15.7	27.8	MAX
MIN	2.4	2.2	4.3	3.2		2.4	2.7	2.2	2.3	2.3	2.5	4.0	MIN

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, CFS
 TOTAL DISCHARGE, AC-FT
 MAXIMUM DAILY DISCHARGE, 90.6 CFS
 MINIMUM DAILY DISCHARGE, 2.2 CFS

LOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.5 MILES
 WEST OF THE COMMUNITY OF SOUTH MIDDLETON.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 7.2 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED
 NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	29.4	3.8	4.6 E	31.9	8.4	3.1	3.0	2.3	1.9	1.8	4.2	5.4	01
02	13.0	12.2	5.9 E	27.5	8.6	3.1	2.8	2.2	1.9	1.8	4.0	4.9	02
03	8.6	24.9	9.0 E	19.6	8.7	3.1	2.8	2.2	1.9	1.8	3.4	4.7	03
04	24.8	13.1	16.6 E	18.9	8.1	3.6	2.8	2.2	1.9	1.8	3.0	4.5	04
05	24.0	8.5	14.4 E	22.4	7.5	4.3	2.8	2.2	1.9	1.8	3.0	5.8	05
06	11.3	6.7	27.9	16.4	6.9	4.5	2.8	2.2	1.9	1.8	2.9	5.7	06
07	7.5	6.0	19.3	15.1	6.6	5.7	2.7	2.1	1.9	1.8	2.8	5.0	07
08	6.2	5.8	18.5	12.9	6.9	4.7	2.7	2.1	1.9	1.7	2.8	4.6	08
09	5.5	5.4	13.7	11.5	9.9	3.9	2.7	2.1	1.9	1.7	2.7	4.5	09
10	5.0	5.1	20.4	12.6	9.2	3.5	2.7	2.2	1.9	1.7	2.7	4.5	10
11	4.7	4.7	29.5	11.8	8.3	3.3	2.7	2.1	1.9	1.7	2.7	4.4	11
12	4.4	4.4	48.2	10.9	7.7	3.3	2.7	2.1	1.8	1.7	2.6	4.2	12
13	4.2	4.1	25.6	9.9	7.6	3.4	2.7	2.1	1.8	1.8	2.6	4.3	13
14	4.2	4.0	23.5	9.3	7.2	3.2	2.7	2.1	1.8	2.1	2.6	4.4	14
15	4.1	4.0	42.6	9.0	7.0	3.1	2.6	2.1	1.8	1.9	3.1	4.0 B	15
16	4.1	3.8	30.6	8.7	7.2	3.2	2.6	2.1	1.8	1.9	4.6	3.7 B	16
17	4.1	3.7	28.7	8.6	8.1	3.3	2.6	2.1	1.8	1.9	3.8	3.5 B	17
18	4.2	3.6	37.2	8.4	8.0	3.3	2.5	2.1	1.9	1.9	3.4	3.5	18
19	4.6	3.6	22.4	8.3	7.3	3.2	2.5	2.1	1.9	1.9	3.3	3.3	19
20	4.8	3.6	18.3	7.9	6.7	3.1	2.5	2.1	1.9	1.9	3.2	3.3 B	20
21	4.3	3.6	16.8	7.7	6.2	3.0	2.5	2.1	1.8	1.9	3.2	3.3	21
22	4.6	3.6	14.8	7.6	5.9	2.9	2.4	2.0	1.9	1.9	3.8	3.2	22
23	5.8	4.9 E	13.3	7.8	5.6	2.8	2.4	2.0	1.8	1.9	3.6	3.2	23
24	5.5	4.8 E	13.5	7.5	5.5	2.8	2.4	2.0	1.8	1.9	4.2	3.1	24
25	4.9	4.7 E	12.8	7.2	5.3	2.8	2.4	2.0	1.9 E	1.9	6.5	3.2	25
26	4.7	4.6 E	12.1	6.9	5.2	2.9	2.4	2.0	2.1 E	2.0	5.9	11.1	26
27	4.6	4.5 E	10.9	7.0	5.1	3.0	2.3	2.0	1.9	1.9	5.5	28.4	27
28	4.6	4.5 E	9.9	12.7	5.0 E	3.0	2.3	2.0	1.9	2.3	9.6	21.1	28
29	4.5		15.2	11.1	3.2 E	3.1	2.3	2.0	1.8	3.0	10.4	12.6	29
30	4.1		16.7	8.8	3.3	3.1	2.2	1.9	1.8	3.7	6.6	10.3 B	30
31	3.9		15.3		3.2		2.3	1.9		3.7		9.8 B	31
TOTAL	230.2	166.2	608.2	365.9	209.4	101.3	79.8	64.7	56.1	62.5	122.7	198.5	TOTAL
MEAN	7.42	5.93	19.61	12.19	6.75	3.37	2.57	2.08	1.87	2.01	4.09	6.4	MEAN
AC-FT	456.6	329.65	1206.36	725.76	415.34	200.92	158.28	128.33	111.27	123.96	243.37	393.72	AC-FT
MAX	29.4	24.9	48.2	31.9	9.9	5.7	3.0	2.3	2.1	3.7	10.4	28.4	MAX
MIN	3.9	3.6	4.6	6.9	3.2	2.8	2.2	1.9	1.8	1.7	2.6	3.1	MIN

SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 6.2 CFS
TOTAL DISCHARGE, 4490 AC-FT
MAXIMUM DAILY DISCHARGE, 48.2 CFS
MINIMUM DAILY DISCHARGE, 1.7 CFS

LOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.5 MILES WEST OF THE COMMUNITY OF SOUTH MIDDLETON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 7.2 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

VENISON CREEK NEAR SOUTH MIDDLETON - STATION NO. 02GC202

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.7	12.6	18.6			4.5	3.9	2.6	2.1	2.0	2.1	2.3	01
02	5.5	9.6	15.2			4.1	3.7	2.6	2.1	2.0	2.0	2.3	02
03	5.4	8.4	16.9			3.9	3.5	2.6	2.1	2.0	2.1	2.3	03
04	5.0	7.5	28.0			3.6	3.3	2.6	2.1		2.2	2.3	04
05	4.5	6.6	41.0			3.3	3.3	2.5	2.1		2.2	2.3	05
06	4.4	6.0	31.8			3.2	3.3	2.5	2.0		2.2	2.3	06
07	4.2	6.1	21.9			3.0	3.2	2.5	2.0		2.1	2.2	07
08	3.8	5.9	17.4			2.8	3.2	2.5	2.0		2.1	2.3	08
09	3.6	5.7	19.1			2.7	3.2	2.5	2.0		2.1	2.3	09
10	3.6	5.4	26.7			2.5	3.2	2.4	2.0		2.1	2.3	10
11	3.5	5.3	17.7			2.6	3.1	2.4	2.0	2.0	2.1	2.3	11
12	3.4	5.2	14.2			2.6	3.1	2.2	2.1	2.0	2.2	2.3	12
13	3.2	5.2	11.5			2.6	3.1	2.2	2.1	2.0	2.1	2.6	13
14	3.1	4.9	9.9			2.6		2.3	2.1	2.1	2.2	3.6	14
15	3.1	4.6	9.3			2.8		2.3	2.0	2.1	2.2	3.2	15
16	3.1	4.5	9.6		15.4	2.9		2.3	2.0	2.1	2.1	3.1	16
17	3.2	4.6	10.3		32.0	2.9		2.2	2.0	2.1	2.1	3.5	17
18	3.0	4.3	9.4		21.3	2.9		1.7	2.0	2.1	2.1	3.4	18
19	3.0	4.5	9.2		13.6	3.1		2.0	2.0	2.1	2.1	3.1	19
20	3.0	5.0	9.8		10.7	3.2		2.2	2.0	2.1	2.2	2.9	20
21	11.0	5.5	9.8		9.5	3.7		2.2	2.0	2.1	2.3	2.7	21
22	25.0	20.1	9.6		8.3	4.1		2.2	2.0	2.1	2.2	2.7	22
23	24.0	29.7	9.0		7.6	3.7		2.2	2.0	2.1	2.2	2.6	23
24	25.8	14.5	8.7		6.8	3.4	2.8	2.1	2.0	2.1	2.3	2.6	24
25	17.7	10.5	7.9		6.3	3.3	2.8	2.1	2.0	2.1	2.3	3.1	25
26	12.8	8.4	7.9		5.9	3.3	2.8	2.1	2.0	2.1	2.3	3.0	26
27	15.6	7.6	7.6		5.5	3.3	2.7	2.1	2.0	2.0	2.3	2.7	27
28	18.1	8.2	8.0		5.1	3.3	2.7	2.1	2.0	2.1	2.3	2.4	28
29	16.4		8.1		6.0	3.3	2.8	2.1	2.0	2.1	2.3	2.3	29
30	16.1		9.3		5.9	3.4	2.7	2.1	2.1	2.1	2.3	2.2	30
31	16.9		15.5		5.1		2.6	2.1		2.1		2.3	31
TOTAL	277.7	226.4	448.9			96.6		70.5	60.9		65.4	81.5	TOTAL
MEAN	8.95	8.08	14.48			3.22		2.27	2.03		2.18	2.62	MEAN
AC-FT	550.81	449.06	890.39			191.6		139.83	120.79		129.72	161.05	AC-FT
MAX	25.8	29.7	41.0			4.5		2.6	2.1		2.3	3.6	MAX
MIN	3.0	4.3	7.6			2.5		1.7	2.0		2.0	2.2	MIN

SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 41.0 CFS
MINIMUM DAILY DISCHARGE, 1.7 CFS

LOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.5 MILES WEST OF THE COMMUNITY OF SOUTH MIDDLETON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 7.2 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

VENISON CREEK NEAR SOUTH MIDDLETON - STATION NO. 02GC202

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.9	5.4	8.3	11.4	4.8	3.0	2.8			2.3	2.1	13.3	01
02	1.7	4.6	7.3	10.5	4.6	3.2	2.8			2.4	2.1	8.5	02
03	1.6	4.0	6.6	10.9	4.4	3.2	2.8			2.6	2.5	6.7	03
04	1.5	3.5	5.9	12.5	4.3	3.1	2.8			2.5	4.0	6.1	04
05	1.5	3.4	5.4	11.8	4.4	3.7	2.8			2.3	5.2	6.1	05
06	1.5	3.3	5.4	10.6	4.5	6.4	2.8			2.2	4.5	16.1	06
07	1.4	3.2	5.7	10.8	5.3	6.4	2.8			2.2	3.8	14.0	07
08	1.7	3.0	8.7	13.2	5.5	5.1	2.8			2.1	4.4	8.3	08
09	5.9	2.9	7.7	12.7	5.0	4.3	2.8			2.1	5.4	7.3	09
10	8.7	2.8	6.6	11.1	4.5	3.7	2.7			2.1	6.3	10.3	10
11	8.0	2.8	5.4	9.9	4.1	3.4	2.7			2.1	12.9	9.2	11
12	6.6	2.7	5.4	8.8	3.8	6.1	2.7			2.1	12.0	8.2	12
13	4.4	2.6	12.6	7.9	3.7	8.9	2.6			2.1	9.5	7.5	13
14	4.5	2.6	13.4	7.2	3.6	7.6	2.7			2.0	7.5	11.6	14
15	3.9	2.5	8.7	6.9	3.5	6.1	2.7			2.0	6.1	24.7	15
16	3.7	2.6	7.3	6.8	3.4	5.3	2.7			2.0	5.3	21.5	16
17	3.4	2.7	7.2	6.5	3.3	4.9	2.6			2.0	4.8	13.8	17
18	3.5	4.6	13.8	6.2	3.2	4.5	2.6			2.3	4.2	10.7	18
19	3.4	4.4	20.2	7.5	3.1	4.1	2.6	4.3		3.0	4.3	8.4	19
20	3.2	3.8	20.9	8.7	3.0	3.8	2.6	4.3		3.6	4.3	8.0	20
21	3.1	3.6	22.9	7.7	3.0	3.6	2.6	4.4		5.2	4.4	7.1	21
22	3.0	7.5	18.3	6.8	2.9	3.4	2.6	4.5		5.0	4.4	6.8	22
23	3.0	25.5	26.4	6.1	2.9	3.3	2.5	4.5		3.7	4.1	6.7	23
24	2.9	35.9	22.8	6.8	2.8	3.2	2.5		4.4	3.0	3.9	6.2	24
25	3.3	33.5	26.3	8.4	2.7	3.2			3.5	2.7	3.9	6.1	25
26	8.2	16.1	19.6	7.7	2.6	3.2			3.1	2.6	4.6	6.5	26
27	6.4	11.2	14.6	6.7	2.6	3.1			2.9	2.4	7.4	6.3	27
28	4.8	9.4	11.9	6.0	2.6	3.0			2.7	2.3	12.5	6.1	28
29	12.6		12.4	5.6	2.5	3.0			2.4	2.3	8.8	5.9	29
30	13.3		16.4	5.1	2.5	2.9			2.3	2.2	11.6	9.0	30
31	7.0		13.5		2.6					2.1		24.9	31
TOTAL	139.6	210.1	395.6	258.8	111.7	128.7				79.5	176.8	311.9	TOTAL
MEAN	4.5	7.5	12.76	8.62	3.6	4.29				2.56	5.89	10.06	MEAN
AC-FT	276.89	410.73	784.67	513.32	221.55	255.27				157.68	350.68	618.65	AC-FT
MAX	13.3	35.9	28.9	13.2	5.5	8.9				5.2	12.9	24.9	MAX
MIN	1.4	2.5	5.4	5.1	2.5	2.9				2.0	2.1	5.9	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 35.9 CFS
MINIMUM DAILY DISCHARGE, 1.4 CFS

LOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.5 MILES
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 7.2 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

VENISON CREEK NEAR SOUTH MIDDLETON - STATION NO. 02GC202

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	20.5	10.2	20.3	29.8	8.9	4.8	3.5						01
02	13.7	8.1	22.5	22.1	8.4	4.8	3.4						02
03	13.9	8.1	30.3	17.2	10.1	4.8	3.6						03
04	11.3	7.3	44.9	14.9	8.9	4.8	3.5						04
05	8.0	6.7	57.3	13.1	7.6	4.5	3.3						05
06	6.8	6.4	54.8	12.1	8.3	4.4	3.2						06
07	6.7	5.9	43.1	11.1	39.5	4.2	3.2						07
08	6.2	4.7	35.1	10.4	25.7	4.0	3.2						08
09	5.7	5.3	29.2	9.8	16.8	3.9	3.1						09
10	5.3	5.9	27.9	9.4	13.0	3.8	3.2						10
11	5.2	10.5	28.6	9.0	11.7	3.7	3.2						11
12	5.1	13.0	26.1	8.3	11.2	3.7	3.2						12
13	5.2	17.0	40.6	8.1		3.6	3.1						13
14	5.4	22.1	30.1	7.7		3.7	3.2						14
15	4.9	21.4	26.1	7.8		3.6	3.3						15
16	5.4	39.8	23.0	7.7		3.8	3.2						16
17	4.8	43.2	20.2	7.0		3.9	3.1						17
18	4.5	42.0	17.8	6.4		3.8	3.1						18
19	4.4	46.7	23.4	6.1		4.1	3.1						19
20	4.4	40.8	26.0	5.8		4.2	3.0						20
21	4.7	37.3	28.6	5.8		4.1	3.3						21
22	4.6	45.6	22.0	7.4		4.0	3.0						22
23	4.4	36.6	18.3	10.0		3.8	3.0						23
24	4.4	27.0	16.9	9.0		3.5	3.2						24
25	4.7	28.3		31.4		3.4	3.0						25
26	9.1	30.5		33.1		3.3	2.9						26
27	18.7	26.8		20.0		3.3	3.0						27
28	17.1	23.5		14.7		3.3	2.9						28
29	15.4	20.5		11.9		3.3	3.4						29
30	12.9		15.8	10.1		3.5	3.1						30
31	11.0		17.8				3.4						31
TOTAL	253.7	641.2		377.2		117.6	98.9						TOTAL
MEAN	8.18	22.11		12.57		3.92	3.19						MEAN
AC-FT	503.21	1271.82		748.17		233.25	196.16						AC-FT
MAX	20.5	46.7		33.1		4.8	3.6						MAX
MIN	4.4	4.7		5.8		3.3	2.9						MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 57.3 CFS
MINIMUM DAILY DISCHARGE, 2.9 CFS

LOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.5 MILES
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 7.2 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.
STATION DISCONTINUED JULY 1976.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01						2.5	6.0	2.1	1.2	1.6	2.6	6.3	01
02						2.5	5.3	1.7	2.1	1.5	2.6	6.6	02
03						2.4	4.9	1.7	1.6	2.4	2.4	6.2	03
04						2.2	4.7	1.8	1.4	2.0	2.4	7.9	04
05						2.2	5.3	1.8	2.7	1.9	2.3	9.8	05
06						2.1	8.1	4.1	8.5	1.8	2.3	7.7	06
07						2.0	6.4	3.4	6.9	2.2	2.4	6.3	07
08						2.0	5.5	3.1	5.4	1.9	2.4	5.7	08
09						1.9	4.9	3.0	4.8	1.8	2.4	5.0	09
10						1.9	4.5	2.8	4.8	1.8	2.4	4.5	10
11						1.8	4.2	2.7	4.8	1.7	2.3	4.3	11
12						1.9	4.0	2.2	4.3	1.7	2.3	4.3	12
13						1.7	3.8	2.1	5.5 E	1.6	2.1	5.2	13
14						1.7	3.7	1.9	5.2 E	1.5	2.1	4.9	14
15						1.7	3.6	1.7	3.4	1.4	2.4	4.1	15
16						1.7	3.5	1.9	3.2	1.3	2.7	3.8	16
17						1.6	3.5	2.0	3.0	1.3	2.7	3.6	17
18						1.6	3.2	1.7	2.8	1.4	3.0	3.4	18
19						1.6	1.9	1.8	2.7	2.2	3.3	3.5	19
20						1.6	1.1	2.1	2.6	2.0	3.5	3.6	20
21						1.5	0.91	2.4	2.4	1.9	3.3	3.2	21
22						1.6	0.96	1.2	2.5	1.8	3.6	3.4	22
23						1.5	0.76	1.3	2.6	1.7	3.5	5.7	23
24						1.4	0.72	2.1	2.3	1.6	3.6	4.0	24
25						2.3	0.72	2.6	2.1	1.6	3.3	3.4	25
26						17.4	0.72	2.0	1.9	1.5	3.1	3.4	26
27						9.1	0.71	1.7	1.8	1.4	3.0	3.6	27
28					2.6	7.1	0.72	1.5	1.9	2.7	5.5	6.2	28
29					2.5	7.3	0.78	1.4	1.7	3.0	10.7	7.2	29
30					2.5	7.1	1.3	1.3	1.7	2.7	7.3	5.1 B	30
31					2.5		1.6	1.2		2.6		4.6 B	31
TOTAL						94.9	98.0	64.3	97.8	57.5	97.5	156.5	TOTAL
MEAN						3.16	3.16	2.07	3.26	1.85	3.25	5.04	MEAN
AC-FT						188.23	194.38	127.53	193.98	114.05	193.39	310.41	AC-FT
MAX						17.4	8.1	4.1	8.5	3.0	10.7	9.8	MAX
MIN						1.4	0.71	1.2	1.2	1.3	2.1	3.2	MIN

SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 17.4 CFS
MINIMUM DAILY DISCHARGE, 0.71 CFS

LOCATION: AT THE CULVERT ON THE TOWNLIN ROAD, 1.2 MILES
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 2.3 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

VENISON CREEK TRIBUTARY NEAR SOUTH MIDDLETON - STATION NO. 02GC203

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.7 B	15.6	3.6	4.9	6.4 E	4.8	2.9	1.9	1.1	0.93	1.1	2.3	01
02	5.6 B	12.4	3.5	6.1	6.0	7.9	2.8	1.9	1.1	1.1	2.5 E	1.7	02
03	5.4 B	11.8 B	3.4	6.4	5.9	6.4	2.8	1.9	1.1	1.1	2.4 E	1.9	03
04	5.2 B	10.6 B	3.4	6.2	5.4	5.5	2.8	1.6	1.1	1.0	1.2	1.6	04
05	3.5 B	8.9	3.3	13.1	5.2	5.2	3.3	1.3	1.1	0.97	1.2	1.4	05
06	3.3 B	7.9	3.4	9.3	5.1	5.3	3.1	1.3	1.2	0.98	1.1	1.3	06
07	3.0 B	7.1	3.3	7.8	5.1	5.4	2.8	1.3	1.2	1.0	1.0	1.8	07
08	3.2	6.6	3.2	6.9	5.7	4.9	2.6	1.3	1.2	1.0	0.89	3.8	08
09	3.2 B	6.2	3.1	6.5	6.2	4.8	2.5	1.1	1.2	0.97	0.79	3.7	09
10	2.9 B	5.8	3.1	7.6	6.4	4.5	2.5	0.88	1.1	0.93	0.76	3.1	10
11	3.0	5.7	2.9	8.5	8.2	4.2	2.5	0.97	1.1	0.9	0.7	3.9	11
12	3.0	5.5	2.9	6.0	7.6	4.1	2.5	1.0	1.1	0.97	0.73	4.0	12
13	3.0	5.6 B	2.9	5.2	6.4	3.9	2.3	1.0	1.1	0.99	0.78	3.4	13
14	3.0	5.2 B	2.9	5.6	5.7	3.7	2.2	0.89	1.0	1.3	0.88	3.2	14
15	3.0	5.1 B	2.8	5.5	5.6	3.8	2.1	0.83	1.0	1.2	1.0	3.0	15
16	2.8	5.1 B	2.8	6.1	5.2	4.8 E	2.0	0.72	1.0	1.2	1.0	2.8	16
17	3.1	4.9 B	2.8	6.3	4.9	4.0	2.0	0.56	1.2	1.2	1.0	2.7	17
18	16.3	4.2	2.8	15.5	7.5	3.8	1.9	0.77	1.1	1.1	1.4	2.7	18
19	12.2	4.0	2.9	19.7	20.1	3.7	1.9	0.91	1.0	1.1	1.9	2.7	19
20	8.6	3.9	3.0	15.2	12.2	3.7	1.8	0.92	0.98	1.3	3.0	2.6	20
21	9.7	3.9	3.4	12.0	9.2	3.5	1.7	0.9	0.95	1.3	3.0	2.6	21
22	8.6	3.9	3.4	12.4	8.0	3.4	1.4	0.8	0.97	1.4	2.7	2.0	22
23	12.1	4.0	3.2	10.7	8.4	3.4	1.1	0.77	0.97	1.4	2.7	2.4	23
24	19.1	4.0	3.4	9.9	6.7	3.8	1.0	0.86	1.1	1.3	2.6	2.3	24
25	11.1 B	3.9	5.2	8.4	6.1	3.4	0.9	0.93	1.1	1.2	2.5	2.2	25
26	9.7 B	3.8	7.0	7.5	5.7	2.8	0.82	0.99	1.0	1.2	2.4	2.2	26
27	7.5	3.7	6.4	7.0	5.4	3.0	0.91	1.0	0.99	1.3	2.3	2.2	27
28	6.7	3.6	5.9	6.9	5.2	3.8	1.4	1.1	0.97	1.2	2.3	2.2	28
29	9.2		5.8	6.8	5.1	3.5	1.9	1.1	0.95	1.1	2.2	2.1	29
30	48.2		5.5	6.3	4.9	3.1	1.9	1.1	0.93	1.1	2.3	2.2	30
31	27.0		5.1		4.6		1.9	1.1		1.0		2.2	31
TOTAL	267.9	172.9	116.3	256.3	210.1	128.1	64.23	33.7	31.91	34.74	50.33	78.8	TOTAL
MEAN	8.64	6.17	3.75	8.54	6.77	4.27	2.07	1.08	1.06	1.14	1.67	2.54	MEAN
AC-FT	531.37	342.94	230.68	508.37	416.73	254.08	127.4	66.84	63.29	68.9	99.82	156.29	AC-FT
MAX	48.2	15.6	7.0	19.7	20.1	7.9	3.3	1.9	1.2	1.4	3.0	4.0	MAX
MIN	2.8	3.6	2.8	4.9	4.6	2.8	0.82	0.56	0.93	0.9	0.7	1.3	MIN

SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 4.0 CFS
TOTAL DISCHARGE, 2870 AC-FT
MAXIMUM DAILY DISCHARGE, 48.2 CFS
MINIMUM DAILY DISCHARGE, 0.56 CFS

LOCATION: AT THE CULVERT ON THE TOWNLIN ROAD, 1.2 MILES
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 2.3 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

VENISON CREEK TRIBUTARY NEAR SOUTH MIDDLETON - STATION NO. 02GC203

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.1	2.7	2.1	4.4	4.9	2.3	1.0	1.0	1.0	0.88	0.93	4.4	01
02	2.1	3.2	2.1	8.4	4.3	2.3	0.88	0.83	1.0	0.9	0.92	4.1	02
03	2.1	3.9	2.1	7.9	3.8	2.2	0.98	0.81	1.1	0.9	1.5	4.5	03
04	2.1	3.4	2.9	6.6	3.6	2.2	1.1	0.78	1.0	0.88	2.4	10.0	04
05	2.1	3.1	5.4	6.1	3.5	2.1	1.1	0.76	1.0	0.86	1.4	6.8	05
06	2.0	3.0	4.9	6.4	3.4	2.0	1.1	0.73	1.0	0.86	1.2	5.6	06
07	1.9	3.0	4.5	6.1	3.2	1.9	1.1	0.71	1.0	0.87	1.2	4.6	07
08	1.9	3.0	4.2	5.8	3.2	1.9	1.2	0.69	1.0	0.85	1.2	7.2	08
09	1.9	2.9	3.9	5.6	3.1	1.8	1.2	0.65	1.0	0.84	1.3	5.2	09
10	1.8	2.9	3.7	5.3	3.1	1.6	1.3	0.67	1.0	0.84	1.8	4.6	10
11	1.8	3.0	3.5	5.0	3.0	1.6	1.3	0.71	1.0	0.84	2.0	4.8	11
12	1.8	2.8	3.4	4.8	2.8	1.5	1.3	0.74	1.0	0.86	2.2	4.8	12
13	1.8	2.7	3.3	4.6	5.0	1.5	1.2	0.74	1.0	0.87	2.1	4.4	13
14	1.8	2.4	3.2	4.9	3.4	1.5	1.2	0.78	1.0	0.88	2.0	4.2	14
15	1.7	2.4	3.2	3.7	3.1	1.6	1.4	0.78	1.0	0.87	2.0	4.0	15
16	1.6	2.3	3.0	6.9	3.2	1.9	1.3	0.79	0.97	0.86	2.0	4.1	16
17	1.6	2.3	2.9	4.9	3.2	1.8	1.3	0.77	0.97	0.84	2.0	4.5	17
18	1.7	2.3	2.9	3.8	3.1	1.6	1.2	0.74	0.97	0.83	2.0	4.4	18
19	1.6	2.4	2.9	3.0	2.9	1.5	1.2	0.77	0.96	0.82	2.0	5.7	19
20	1.6	2.3	3.4	3.2	2.7	1.4	1.3	0.78	0.95	0.83	2.3	7.5	20
21	1.6	2.1	4.4	3.1	2.9	1.3	1.3	0.81	0.95	0.87	3.0	6.0	21
22	1.5	2.2	4.7	3.9	2.9	1.3	1.2	0.86	0.95	0.89	2.9	5.0	22
23	1.4	2.3	4.5	3.7	2.6	1.4	1.1	0.9	0.96	0.9	2.6	4.8	23
24	1.4	2.4	4.8	3.2	2.7	1.3	1.1	0.9	0.97	0.89	2.4	4.5	24
25	1.4	2.6	5.4	3.7	2.7	1.3	1.1	0.93	0.95	0.9	2.4	4.1	25
26	1.5	2.4	4.9	3.9	2.7	1.4	1.1	0.96	0.96	0.89	2.4	4.0	26
27	1.6	2.4	5.1	3.6	2.7	1.4	1.2	0.97	0.95	0.88	3.0	4.0	27
28	1.6	2.2	5.0	3.3	2.5	1.4	1.2	1.0	0.95	0.88	5.0	3.7	28
29	2.1		4.8	4.7	2.3	1.3	1.2	1.0	0.93	0.88	5.6	3.6	29
30	2.7		4.6	4.8	2.3	1.3	1.1	1.0	0.91	0.92	5.0	3.4	30
31	2.7		4.5		2.3		1.1	1.0		0.93		3.3	31
TOTAL	56.5	74.6	120.2	145.3	97.1	49.6	36.36	25.56	29.4	27.01	68.75	151.8	TOTAL
MEAN	1.82	2.66	3.87	4.84	3.13	1.65	1.17	0.82	0.98	0.87	2.29	4.89	MEAN
AC-FT	112.06	147.96	238.41	288.2	192.59	98.38	72.12	50.69	58.31	53.57	136.36	301.09	AC-FT
MAX	2.7	3.9	5.4	8.4	5.0	2.3	1.4	1.0	1.1	0.93	5.6	10.0	MAX
MIN	1.4	2.1	2.1	3.0	2.3	1.3	0.88	0.65	0.91	0.82	0.92	3.3	MIN

SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 2.4 CFS
TOTAL DISCHARGE, 1750 AC-FT
MAXIMUM DAILY DISCHARGE, 10.0 CFS
MINIMUM DAILY DISCHARGE, 0.65 CFS

LOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.2 MILES
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 2.3 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

VENISON CREEK TRIBUTARY NEAR SOUTH MIDDLETON - STATION NO. 02GC203

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.3	1.6	10.4	6.5	3.3	1.1	0.99	0.78	1.1	1.0	0.54	0.66	01
02	3.3	1.5	9.7	10.8	3.3	1.8	1.0	0.82	1.1	0.99	0.56	0.63	02
03	3.3	1.5	8.5	9.2	4.4	2.0	1.0	0.86	1.1	1.0	0.55	0.64	03
04	3.9	1.5	7.0	7.7	3.3	1.8	1.0	0.81	1.1	1.0	0.54	0.64	04
05	5.3	2.1	6.4	6.7	3.1	1.4	1.1	0.79	1.0	0.87	0.53	0.65	05
06	4.4	2.0	6.1	5.9	2.7	1.6	1.1	0.73	1.0	0.76	0.55	0.99	06
07	3.7	1.9	10.5	5.8	2.8	1.8	1.1	0.72	1.1	0.84	0.53	0.89	07
08	3.4	1.9	8.1	5.9	2.3	1.9	1.1	0.7	1.1	0.86	0.53	0.74	08
09	3.3	1.9	6.7	5.8	2.4	1.7	0.92	0.63	1.0	0.9	0.54	0.77	09
10	3.3	1.8	6.1	5.5	2.5	1.6	0.82	0.6	1.0	0.92	0.55	0.91	10
11	3.2	1.8	5.8	5.2	2.5	1.5	0.82	0.65	1.0	0.95	0.53	0.82	11
12	3.2	1.9	5.4	7.5	2.5	1.5	0.85	0.72	1.1	0.93	0.55	0.69	12
13	3.0	2.0	5.3	4.3	2.5	1.5	0.77	0.81	1.1	0.94	0.63	0.66	13
14	3.0	1.9	8.9	5.6	2.4	1.5	0.78	0.9	1.1	0.97	0.64	0.65	14
15	2.9	1.8	14.4	6.0	2.4	1.4	0.76	1.0	1.1	3.2	0.66	1.0	15
16	2.8	1.8	11.9	5.5	2.4	1.4	0.74	1.0	1.1	1.3	0.67	0.87	16
17	2.7	1.9	8.7	5.0	2.3	1.4	0.71	1.1	1.1	1.1	0.66	0.72	17
18	2.6	1.8	7.7	4.6	2.2	1.3	0.71	1.1	1.0	6.1	0.67	0.68	18
19	2.4	1.8	7.8	4.3	2.2	1.3	0.72	0.97	1.0	2.3	0.8	0.74	19
20	2.3	2.1	7.5	4.4	2.1	1.3	0.69	0.9	1.1	0.91	0.86	0.86	20
21	2.4	2.6	6.7	4.3	2.0	1.2	0.67	0.85	1.1	0.84	0.77	0.75	21
22	2.3	2.9	6.8	4.2	1.9	1.2	0.68	0.85	1.0	0.81	0.67	0.68	22
23	2.4	4.0	7.0	3.9	1.9	1.2	0.65	0.93	1.0	0.8	0.65	0.66	23
24	2.3	4.4	6.3	3.8	1.9	1.2	0.65	0.96	0.98	0.75	0.66	0.72	24
25	2.3	4.2	5.9	3.8	2.6	1.2	0.69	1.0	0.97	0.74	0.7	0.69	25
26	2.5	5.6	5.8	3.7	2.9	1.2	0.89	1.1	0.97	0.68	0.72	0.79	26
27	2.2	19.2	5.8	3.6	2.6	1.2	0.94	1.2	0.98	0.67	0.91	0.73	27
28	1.7	15.3	6.2	3.5	2.3	1.2	0.86	1.2	0.98	0.65	0.79	0.75	28
29	1.7		6.5	3.5	3.9	1.0	0.81	1.2	1.0	0.65	0.79	0.66	29
30	1.9		6.3	3.5	2.5	0.95	0.82	1.1	1.0	0.63	0.79	1.0	30
31	1.7		6.0		1.5		0.8	1.1		0.55		0.82	31
TOTAL	88.7	94.7	232.2	160.0	79.6	42.35	26.14	28.08	31.26	35.63	19.54	23.46	TOTAL
MEAN	2.86	3.38	7.49	5.33	2.56	1.41	0.84	0.9	1.04	1.14	0.65	0.75	MEAN
AC-FT	175.93	187.83	460.56	317.36	157.88	84.0	51.84	55.69	62.04	70.67	38.75	46.53	AC-FT
MAX	5.3	19.2	14.4	10.8	4.4	2.0	1.1	1.2	1.1	6.1	0.91	1.0	MAX
MIN	1.7	1.5	5.3	3.5	1.5	0.95	0.65	0.6	0.97	0.55	0.53	0.63	MIN

SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 2.4 CFS
TOTAL DISCHARGE, 1710 AC-FT
MAXIMUM DAILY DISCHARGE, 19.2 CFS
MINIMUM DAILY DISCHARGE, 0.53 CFS

LOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.2 MILES
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 2.3 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.63	0.93	4.9 E	7.1		3.3	4.4	0.79	1.2	1.2	0.99	2.1	01
02	0.67	0.94	19.3 E	6.6		3.2	3.9	1.5	1.2	1.2	1.3	2.0	02
03	0.62	1.1	6.4			3.0	4.9	1.5	1.2	1.1	1.1	2.0	03
04	0.63	1.1	4.5			2.9	5.2	1.4	1.2	1.1	1.0	1.9	04
05	0.65	0.96	3.4			2.7	4.5	1.4	1.2	1.1	1.0	1.9	05
06	0.61	1.0	2.6			2.6	4.1	1.4	1.2	1.3	0.99	3.7	06
07	0.64	0.91	5.4 E			2.6	3.7	1.7	1.2	1.2	1.1	3.5	07
08	0.63	0.87	6.5 E			2.5	3.4	1.6	1.6	1.1	1.2	3.1	08
09	0.85	0.89	4.1			2.4	3.2	2.2	1.3	1.1	1.0	2.9	09
10	1.1	0.89	3.1			2.2	3.2	1.9	1.3	1.1	1.0	2.9	10
11	0.99	0.89	2.7			2.2	3.0	1.8	1.3	1.1	1.1	2.6	11
12	0.83	0.91	8.3 E			2.1	2.8	1.7	1.3	1.1	1.0	2.7	12
13	0.94	1.0	9.0 E			2.2	2.6	1.6	1.4	1.1	1.1	6.4	13
14	0.91	0.99	6.9 E			2.2	2.7	1.6	1.3	1.1	1.3	5.0	14
15	0.78	1.0	6.0 E			2.0	3.0	1.5	1.3	1.0	1.3	4.5 B	15
16	0.72	1.0	10.1 E			2.0	3.4	1.4	1.3	1.1	1.3	3.9 B	16
17	0.76	0.98	7.6 E			1.9	3.1	1.1	1.3	1.1	1.3	3.4	17
18	0.79	1.0	10.2 E			1.8	2.8	1.2	1.3	1.0	1.3	3.3	18
19	0.95	0.97	8.0 E			1.5	2.6	1.0	1.2	1.0	1.3	3.5	19
20	0.87	0.96	7.8 E			1.1	2.4	1.0	1.2	1.0	1.5	3.9	20
21	0.82	0.98	8.1 E			2.2	2.3	0.77	1.2	1.1	1.5	3.9	21
22	1.5	0.96	15.2 E			4.3	2.1	0.56	1.2	1.2	1.4	3.9	22
23	1.7	0.94	10.6			5.8	2.1	0.85	1.2	1.4	1.4	4.0	23
24	0.578	0.95	8.1			5.7	1.5	0.87	1.3	1.1	1.3	4.3	24
25	0.578	0.95	7.1		3.1	5.7	1.4	0.97	1.3	1.0	1.3	4.5	25
26	0.578	0.96	6.7		3.1	5.4	1.7	1.0	1.5	1.0	1.4	4.7	26
27	0.94	0.96	6.6		3.1	4.7	1.6	1.2	1.3	1.0	3.0	4.6	27
28	0.96	1.0	6.5		2.9	4.1	1.6	1.3	1.2	1.0	2.1	4.3	28
29	0.92	0.96	6.7		2.8	4.4	1.5	1.2	1.2	1.1	3.9	3.8	29
30	0.92		7.7		3.0	4.7	1.4	1.2	1.4	1.0	2.2	4.0	30
31	0.91		7.0		3.2		0.98	1.2		0.98		5.8	31
TOTAL	25.95	27.95	227.1			93.4	87.08	40.41	38.3	33.98	42.68	113.0	TOTAL
MEAN	0.83	0.96	7.32			3.11	2.8	1.3	1.27	1.09	1.42	3.64	MEAN
AC-FT	51.47	55.43	450.45			185.25	172.72	80.15	75.96	67.39	84.65	224.13	AC-FT
MAX	1.7	1.1	19.3			5.8	5.2	2.2	1.6	1.4	3.9	6.4	MAX
MIN	0.57	0.87	2.6			1.1	0.98	0.56	1.2	0.98	0.99	1.9	MIN

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE CULVERT ON THE TOWNLIN ROAD, 1.2 MILES
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 2.3 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

VENISON CREEK TRIBUTARY NEAR SOUTH MIDDLETON - STATION NO. 02GC203

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.9	2.9	2.4	16.5	5.7	3.2	2.3	1.5	1.1	1.0	1.4	2.3	01
02	4.9	6.1	3.4	14.4	5.6	3.4	2.2	1.5	1.1	1.1	1.0	2.2	02
03	4.5	5.7	4.6	11.1	5.4	3.4	2.1	1.4	1.1	1.1	1.0	2.2	03
04	7.1	4.6	7.3	10.7	5.0	3.7	2.0	1.4	0.93	1.1	0.95	2.3	04
05	6.0	4.2	7.0	11.9	4.8	3.5	2.0	1.4	0.76	1.1	0.93	2.5	05
06	4.9	4.0	9.4	10.3	4.5	3.7	1.9	1.4	0.69	1.0	0.92	2.5	06
07	4.1	4.0	7.4	9.2	4.3	3.7	1.8	0.87	0.51	1.0	0.89	2.2	07
08	3.7	4.0	7.2	8.2	4.6	3.3	1.7	0.57	0.97	0.98	0.9	2.1	08
09	3.6	3.7	6.6	6.9	5.2	3.0	1.4	0.44	1.1	0.98	0.88	2.1	09
10	3.3	3.5	8.2	7.5	5.0	2.8	0.73	0.78	1.1	0.96	0.9	2.3	10
11	3.1	3.3	15.3	7.7	4.7	2.7	0.96	0.81	1.1	0.98	0.89	2.1	11
12	2.9	3.2	15.9	9.6	4.5	2.8	1.5	0.78	1.1	0.98	0.9	2.0	12
13	2.7	3.1	10.9	7.0	4.2	2.6	1.6	1.1	1.1	1.2	0.91	2.3	13
14	2.9	3.1	15.3	7.4	4.0	2.4	1.6	1.2	1.1	1.2	0.9	2.6	14
15	2.9	3.2	19.7	4.4	4.0	2.3	1.5	1.2	1.1	0.98	1.4	2.1	15
16	2.9	2.9	13.3	6.0	4.0	2.7	1.1	1.2	1.1	0.96	1.1	1.9	16
17	3.0	2.6	17.2	6.2	4.0	2.9	0.51	1.2	1.1	0.98	0.89	1.8	17
18	3.3	2.5	17.4	5.9	3.9	2.8	0.42	1.4	1.4	1.0	0.9	1.6	18
19	3.4	2.7	12.0	5.8	3.7	2.6	0.42	1.4	1.1	0.99	0.9	1.5	19
20	3.1	2.8	10.9	5.4	3.4	2.5	0.44	1.4	1.1	0.98	0.85	1.9 B	20
21	2.8	2.9	10.2	5.4	3.3	2.4	0.87	1.4	1.1	0.98	0.99	1.6	21
22	3.4	2.8	9.4	5.4	3.2	2.3	1.2	1.2	1.2	0.98	0.93	1.6	22
23	3.6	2.7	8.9	5.5	3.2	2.2	1.3	1.2	1.2	0.96	0.87	1.6	23
24	3.3	2.6	9.0	5.1	3.2	2.2	1.4	1.2	1.1	0.96	1.1	1.6	24
25	3.1	2.5	8.7	4.8	3.1	2.2	1.2	1.2	1.1	0.95	1.1	1.9	25
26	3.0	2.4	8.3	4.6	3.1	2.1	1.1	1.2	1.1	0.95	1.0	5.0	26
27	3.0	2.3	7.5	4.6	3.0	2.1	1.3	1.2	1.1	0.94	1.2	9.3	27
28	3.1	2.3	7.1	6.3	3.8	2.7	1.3	1.2	1.1	1.2	2.8	4.2	28
29	3.1		8.6	6.3	3.8	2.9	1.3	1.1	1.1	2.0	3.7	6.5 B	29
30	3.0		9.0	6.1	3.5	2.6	1.1	1.1	1.0	1.6	2.9	5.9 B	30
31	2.9		8.5		3.4		1.2	1.1		1.2		4.9	31
TOTAL	112.5	92.6	307.2	226.2	127.1	83.7	41.45	36.05	31.76	33.29	36.0	90.6	TOTAL
MEAN	3.62	3.3	9.9	7.54	4.1	2.79	1.33	1.16	1.05	1.07	1.2	2.92	MEAN
AC-FT	223.14	183.67	609.33	448.66	252.1	166.01	82.21	71.5	62.99	66.03	71.4	179.7	AC-FT
MAX	7.1	6.1	19.7	16.5	5.7	3.7	2.3	1.5	1.4	2.0	3.7	9.3	MAX
MIN	2.7	2.3	2.4	4.4	3.0	2.1	0.42	0.44	0.51	0.94	0.85	1.5	MIN

SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 3.3 CFS
TOTAL DISCHARGE, 2420 AC-FT
MAXIMUM DAILY DISCHARGE, 19.7 CFS
MINIMUM DAILY DISCHARGE, 0.42 CFS

LOCATION: AT THE CULVERT ON THE TOWNLIN ROAD, 1.2 MILES
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 2.3 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.6	7.7	8.8	6.1	3.9	4.0	2.8						01
02	4.1	6.6	7.3	7.2	3.7	3.8	2.6						02
03	4.1	5.9	8.5	6.5	3.9	3.8	2.4						03
04	3.9	5.4	12.5	9.2	3.8	3.7	2.3						04
05	3.6	4.9	20.0	7.8	3.7	3.5	2.2						05
06	3.6	4.7	15.7	6.8	4.0	3.5	2.1						06
07	3.5	4.7	11.9	6.9	3.7	3.4	2.0						07
08	3.2	4.5	9.8	7.6	3.8	3.3	2.0						08
09	3.2	4.3	12.3	6.6	7.9	3.2	1.9						09
10	3.2	4.2	14.0	6.1	7.6	3.1	2.2						10
11	3.2	4.2	9.8	5.6	6.2	3.0	1.2						11
12	3.1	4.1	8.6	5.6	13.9	2.8	1.8						12
13	2.8	4.0	7.5	6.0	13.6	2.2	1.8						13
14	2.9	3.8	6.8	5.9	9.4	2.5							14
15	3.0	3.6	6.5	6.0	8.8	3.1							15
16	3.1	3.7	6.9	5.3	8.4	3.5							16
17	3.0	3.6	6.8	4.9	14.0	3.2							17
18	2.8	3.5	6.2	4.9	11.2	3.1							18
19	2.9	3.8	6.3	4.7	8.7	3.4							19
20	3.0	3.7	6.1	4.5	6.6	3.6							20
21	6.9	3.6	6.2	4.4	6.7	3.5							21
22	8.2	14.8	5.9	4.7	6.0	3.4							22
23	12.4	11.3	5.7	5.1	5.6	3.0							23
24	9.5	7.0	5.6	4.7	5.1	2.9							24
25	7.3	6.0	5.1	4.4	4.8	2.8							25
26	6.6	5.2	5.2	4.3	4.7	2.7							26
27	16.3	4.8	5.0	4.1	4.5	2.7							27
28	12.8	6.2	5.2	4.1	4.4	2.4							28
29	10.2		5.1	4.2	4.8	2.7							29
30	8.8		5.8	4.1	4.5	2.9							30
31	9.8		6.6		4.3								31
TOTAL	175.6	149.8	253.7	168.3	202.2	94.7							TOTAL
MEAN	5.66	5.35	8.18	5.61	6.52	3.15							MEAN
AC-FT	348.3	297.12	503.21	333.82	401.06	187.83							AC-FT
MAX	16.3	14.8	20.0	9.2	14.0	4.0							MAX
MIN	2.8	3.5	5.0	4.1	3.7	2.2							MIN

SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.2 MILES
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 2.3 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

VENISON CREEK TRIBUTARY NEAR SOUTH MIDDLETON - STATION NO. 02GC203

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01		3.9	4.8	8.4	4.9	3.8	2.8		1.9	2.3	2.5	5.4	01
02		3.5	4.5	8.0	4.7	4.3	2.8		1.7	2.3	2.6	4.4	02
03		3.3	4.2	8.7	4.6	4.1	3.0		1.7	2.2	3.1	4.0	03
04		3.0	4.1	8.6	4.9	4.1	2.8		1.6	2.1	3.2	3.8	04
05		3.1	4.0	7.6	4.5	6.8	2.4		1.7	2.0	3.0	3.9	05
06		3.1	4.1	7.3	4.4	7.3	2.6		1.7	2.0	2.9	6.1	06
07		2.9	4.5	7.6	5.5	5.8	2.5		1.6	1.9	3.2	5.7	07
08		2.7	4.9	8.0	4.7	5.0	2.4		1.5	1.9	3.6	4.6	08
09		2.5	4.4	7.6	4.4	4.6	2.4		1.5	2.0	3.4	4.5	09
10		2.4	4.2	7.1	4.3	4.3	1.9		1.5	2.0	5.4	5.1	10
11		2.4	4.0	6.6	4.2	4.8	1.8		2.9	2.0	5.2	4.7	11
12		2.4	5.0	6.2	4.2	8.2	2.3		1.9	1.9	4.4	4.4	12
13		2.4	8.1	5.9	4.1	6.7	2.4		2.0	1.9	4.0	4.3	13
14	3.2	2.3	6.9	5.8	4.0	5.9	2.8		1.9	1.9	3.5	5.0	14
15	3.0	2.3	5.6	5.7	4.0	5.5	2.3		1.8	1.9	3.8	9.1	15
16	3.0	2.4	5.0	5.7	3.9	5.5	2.2			1.8	4.6	8.0	16
17	2.7	2.6	6.2	5.5	3.8	5.0	2.2			1.9	3.2	6.5	17
18	2.9	3.7	9.1	5.5	3.7	4.7	2.2			2.8	3.0	5.5	18
19	3.0	3.6	13.3	6.3	3.7	4.5	2.6	1.9		2.9	2.8	4.8	19
20	2.5	3.3	14.7	6.2	3.6	4.4	2.3	1.9		3.6	2.8	4.8	20
21	2.4	3.2	10.8	6.7	3.7	4.1	2.2	2.1		3.4	3.0	4.2	21
22	2.4	5.2	13.4	5.7	3.6	3.9	2.2	1.9		3.2	2.8	3.9	22
23	2.4	11.0	13.1	5.5	3.4	3.8	2.1	1.9	2.8	3.0	2.6	3.9	23
24	2.4	20.0	12.9	6.4	3.3	3.8	2.1	2.6	2.6	2.7	2.5	3.6	24
25	3.7	14.1	13.7	6.5	3.2	3.6	1.9	2.0	2.5	2.6	2.6	3.7	25
26	4.9	6.4	10.7	5.8	3.3	3.4	1.6	1.9	2.5	2.5	2.5	3.9	26
27	3.3	5.3	9.1	5.4	2.8	3.3	1.7	1.8	2.4	2.4	3.6	3.7	27
28	3.1	5.1	8.4	5.2	2.9	3.3	1.2 E	1.8	2.2	2.4	4.3	3.4	28
29	6.8		10.0	5.1	2.8	3.2	1.2 E	1.9	2.2	2.4	4.2	3.4	29
30	6.2		10.5	4.9	2.8	3.0	1.2 E	1.8	2.1	2.2	5.3	4.7	30
31	4.3		9.1		3.7		1.2 E	2.1		2.2		8.0	31
TOTAL		128.1	243.3	195.5	121.6	140.7	67.3			72.3	103.6	151.0	TOTAL
MEAN		4.57	7.84	6.51	3.92	4.69	2.17			2.33	3.45	4.87	MEAN
AC-FT		254.08	482.58	387.77	241.19	279.07	133.48			143.4	205.49	299.5	AC-FT
MAX		20.0	14.7	8.7	5.5	8.2	3.0			3.6	5.4	9.1	MAX
MIN		2.3	4.0	4.9	2.8	3.0	1.2			1.8	2.5	3.4	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 20.0 CFS
MINIMUM DAILY DISCHARGE, 1.20 CFS

LOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.2 MILES
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 2.3 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.8	5.1	10.1	12.5	6.3	3.9	3.0						01
02	5.7	4.4	11.5	10.2	6.2	3.7	2.9						02
03	5.9	4.1	15.8		9.0	3.6	2.8						03
04	5.2	4.3		8.2	5.9	3.4	2.7						04
05	4.3	4.2		7.5	5.6	3.3	2.6						05
06	4.1	4.1		7.3	6.2	3.3	2.5						06
07	4.2	4.0	30.5	6.6	18.2	3.2	2.5						07
08	3.9	3.4	20.2	6.5	13.2	3.1	2.4						08
09	3.6	3.3	16.3	6.5	9.8	3.0	2.3						09
10	3.4	3.8	16.2	6.5	8.2	2.9	2.4						10
11	3.6	4.5	16.2	6.2	7.7	2.7	2.5						11
12	3.6	4.8	15.5	5.9	7.2	2.5	2.4						12
13	3.6	5.5	28.0	5.7	6.5	2.5	2.4						13
14	3.6	6.6	19.1	5.6	6.2	2.5	2.2						14
15	3.3	7.2	15.2	5.7	6.0	2.5	2.5						15
16	3.5	13.8	13.3	5.6	5.9	2.5	2.3						16
17	3.3	19.7	11.8	5.3	5.9	2.5	2.2						17
18	3.0	19.9	10.5	5.1	5.8	2.4	2.2						18
19	3.0	26.7	12.9	5.0	5.5	2.7	2.1						19
20	3.0	18.5	15.3	4.9	5.2	2.6	2.1						20
21	3.0	19.3	16.5	5.0	5.0	2.5	2.4						21
22	3.1	32.5	13.0	5.4	4.7	2.4	2.1						22
23	3.1	17.8	10.7	5.7	4.6	2.4	2.1						23
24	3.1	13.6	9.8	5.6	4.5	2.5	2.3						24
25	3.0	16.4	10.7	12.1	4.4	3.4	2.1						25
26	4.5	15.6	10.1	14.2	4.4	2.9	2.1						26
27	6.8	12.9	10.2	9.8	4.2	2.6	2.2						27
28	6.5	11.2	11.3	8.2	4.1	2.6	2.1						28
29	6.2	10.0	9.4	7.3	3.6	2.7	2.9						29
30	5.6		8.7	6.6	3.6	3.0	2.8						30
31	5.1		9.4		4.0		2.9						31
TOTAL	130.6	317.2		215.7	195.0	85.8	75.0						TOTAL
MEAN	4.21	10.93		7.19	6.29	2.86	2.41						MEAN
AC-FT	259.04	629.16		427.84	386.78	170.18	148.76						AC-FT
MAX	6.8	32.5		14.2	18.2	3.9	3.0						MAX
MIN	3.0	3.3		4.9	3.6	2.4	2.1						MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 32.5 CFS
MINIMUM DAILY DISCHARGE, 2.1 CFS

LOCATION: AT THE CULVERT ON THE TOWNLIN ROAD, 1.2 MILES
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 2.3 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.
STATION DISCONTINUED JULY 1976.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

BOWMANVILLE CREEK NEAR ENFIELD - STATION NO. 02HD211

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01				4.7	0.87	0.72	3.0	1.1	0.68	0.96	1.1	0.93	31
02				6.3	2.0	0.68	3.5	0.94	0.64	0.9	1.2	0.96	32
03				5.7	1.6	0.67	1.9	1.1	0.63	0.86	1.9	1.0	03
04				1.8	1.1	0.65	1.2	1.1	0.59	0.85	1.7	1.0	04
05				1.9	1.0	0.63	0.98	0.9	0.59	0.83	1.3	1.0	05
06				3.2	0.93	0.66	0.85	0.77	0.59	0.79	1.2	1.0	06
07				2.0	1.2	0.67	0.81	0.76	0.59	0.78	1.2	1.1	07
08				1.7	1.5	1.1	0.76	0.96	0.59	0.8	1.1	1.3	08
09				1.7	1.3	0.94	0.81	1.3	0.62	0.92	1.2	1.1	09
10				2.1	1.1	2.3	0.8	1.3	0.62	0.83	1.2	0.96	10
11				1.4	1.4	1.7 E	0.8	0.87	0.6	0.8	1.3	1.1	11
12				1.2	1.4	1.0 E	0.9	0.77	0.6	0.78	3.7	3.9	12
13				1.2	1.2	0.9 E	0.87	0.71	0.61	0.79	2.3	2.0	13
14				2.0	1.1	0.82	0.78	0.7	0.6	0.91	1.6	1.4	14
15				2.6	1.1	1.1	0.75	0.63	0.61	0.67	1.4	1.2	15
16				1.7	0.98	1.0	0.72	0.62	0.62	1.4	1.2	1.2	16
17				1.7	0.91	1.0	0.72	0.67	0.63	1.7	1.3	1.2	17
18				1.6	0.96	0.98	0.69	0.67	0.65	2.6	2.0	2.5	18
19				1.3	1.7	0.75	0.68	0.71	0.65	3.5	1.6	2.5	19
20				1.1	1.2	0.69	0.65	0.71	0.65	1.4	1.2	1.5	20
21				1.2	1.1	0.79	0.65	0.66	1.2	1.2	1.1	6.3	21
22				2.3	1.1	2.6	0.62	0.63	1.1	1.1	1.4	3.9	22
23				1.4	1.0	0.95	1.2	0.62	0.81	0.98	1.9	1.7	23
24				1.2	0.95	0.85	0.99	0.61	0.78	0.94	1.5	1.4	24
25				1.1	0.86	1.5	0.86	0.59	0.74	1.3	1.4	1.3	25
26				1.0	0.85	0.89	0.76	0.64	0.72	1.2	1.7	1.0 B	26
27				0.96	0.84	0.73	1.4	0.69	0.74	1.3	1.4	1.0 B	27
28				0.93	0.85	0.67	1.3	0.76	2.4	1.6	1.1	1.1 B	28
29				0.87	0.79	0.98	0.85	0.68	2.7	1.1	1.1	1.1 B	29
30				0.85	0.78	0.93	0.77	0.75	1.1	1.1	1.0	1.0 B	30
31					0.75		2.3	0.84		1.0		1.0 B	31
TOTAL				58.71	34.42	29.85	33.87	24.76	24.65	36.09	46.3	49.65	TOTAL
MEAN				1.95	1.11	0.99	1.09	0.79	0.82	1.16	1.54	1.6	MEAN
AC-FT				116.45	68.27	59.2	67.18	49.11	48.89	71.58	91.83	98.48	AC-FT
MAX				6.3	2.0	2.6	3.5	1.3	2.7	3.5	3.7	6.3	MAX
MIN				0.85	0.75	0.63	0.62	0.59	0.59	0.78	1.0	0.93	MIN

SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 6.3 CFS
MINIMUM DAILY DISCHARGE, 0.59 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29
CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 2.4 SQUARE MILES.
REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

BOWMANVILLE CREEK NEAR ENFIELD - STATION NO. 02HD211

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.0	3.4	0.87	2.2	1.2	1.1	0.89	0.99	0.72	0.73	0.85	1.5	01
02	1.1	14.1	0.86	1.7	1.1	1.1	0.79	0.78	0.97	0.71	0.84	1.5	02
03	1.1	5.8	0.838	1.7	1.1	1.0	0.79	0.73	0.92	1.1	0.84	1.0	03
04	1.1	2.8	0.82	3.8	1.1	0.95	0.82	0.71	0.84	0.82	0.84	2.5	04
05	1.2	2.1	0.87	2.0	0.93	0.89	0.82	0.69	1.5	0.75	0.83	2.0	05
06	1.1	1.7	0.89	1.5	0.91	0.86	0.81	0.9	4.5	0.73	0.83	1.5	06
07	1.1 B	1.5	0.89	1.4	0.88	0.82	0.76	0.79	1.3	0.92	1.3	1.4	07
08	1.1 B	1.5	1.1	1.4	0.86	0.82	0.73	1.1	0.99	0.81	1.4	1.2	08
09	1.0 B	1.3	1.5	1.4 E	1.8	0.97	0.79	1.1	0.93	0.76	1.2	1.2	09
10	0.988	1.2 B	3.0	1.3	1.4	1.0	0.82	0.79	1.2	0.75	1.2	1.2	10
11	0.958	1.2 B	4.1	1.3	1.1	0.87	0.78	0.74	1.4	0.76	1.0	1.3	11
12	0.958	1.2 B	2.9 B	1.2	1.3	0.95	0.74	0.69	1.0	0.74	0.97	1.3	12
13	0.968	1.1 B	1.6 B	1.2	1.1	0.8	0.71	0.7	0.9	0.72	0.94	2.6	13
14	0.988	1.1 B	1.4	1.2	1.0	0.81	0.71	0.69	0.9	0.72	0.95	1.7	14
15	1.0 B	1.0	1.2	1.2	1.2	0.87	0.74	0.67	0.85	0.73	1.3	1.0	15
16	1.0 B	1.0	9.8	1.1	1.7	0.87	0.95	0.73	0.86	0.74	1.2	1.0	16
17	1.1	1.0	14.0	1.0	1.5	0.82	0.84	0.94	0.85	0.75	1.0	1.0	17
18	1.1	1.0 B	14.7	1.0	1.1	0.76	0.74	0.73	0.82	0.8	1.6	1.0	18
19	1.1	1.0	11.4	1.0	1.1	1.1	0.81	0.75	0.83	1.6	1.3	1.0	19
20	1.0	1.0	11.9	0.97	2.7	0.88	0.79	1.1	0.82	0.92	1.1	1.0	20
21	1.0	0.968	6.8	0.99	1.3	0.86	0.76	0.77	0.79	0.86	1.1	1.0	21
22	1.0	0.958	3.5	0.99	1.2	1.2	0.76	1.8	0.77	0.84	1.3	1.0	22
23	1.0	0.93	3.0	0.98	1.1	0.91	0.75	1.3	0.78	0.85	1.4	1.1	23
24	0.998	0.9	2.1	1.4	0.94	0.82	0.77	0.93	0.8	0.83	1.7	1.1	24
25	1.0 B	0.88	2.7	1.1	0.92	0.93	0.75	0.84	0.8	0.84	1.4	1.1	25
26	1.0 B	0.89	7.6	1.1	0.87	2.4	0.72	0.79	0.79	0.88	1.2	1.1	26
27	1.0 B	0.87	5.6	1.0	0.85	1.1	0.74	0.76	0.79	0.87	1.2	1.0	27
28	1.0	0.85	5.0	0.94	0.89	1.1	0.76	0.76	0.78	0.85	3.0	1.0	28
29	1.1	0.86	3.7	0.93	1.9	1.0	0.7	0.75	0.77	0.84	4.1	0.98	29
30	2.0		2.6	1.0	1.4	0.95	0.72	0.72	0.76	0.83	1.6	0.98	30
31	1.8		2.8		1.1		0.83	0.72		0.84		1.0	31
TOTAL	33.81	54.09	130.03	40.0	37.55	29.51	24.09	26.46	30.93	25.89	39.49	39.86	TOTAL
MEAN	1.09	1.86	4.19	1.33	1.21	0.98	0.77	0.85	1.03	0.83	1.31	1.28	MEAN
AC-FT	67.06	107.28	257.91	79.34	74.48	58.53	47.78	52.48	61.34	51.35	78.32	79.06	AC-FT
MAX	2.0	14.1	14.7	3.8	2.7	2.4	0.95	1.8	4.5	1.6	4.1	2.6	MAX
MIN	0.95	0.85	0.82	0.93	0.85	0.76	0.7	0.67	0.72	0.71	0.83	0.98	MIN

SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 1.4 CFS
TOTAL DISCHARGE, 1020 AC-FT
MAXIMUM DAILY DISCHARGE, 14.7 CFS
MINIMUM DAILY DISCHARGE, 0.67 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29
CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 2.4 SQUARE MILES.
REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

BOWMANVILLE CREEK NEAR ENFIELD - STATION NO. 02HD211

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.0	2.9	0.61	0.778	1.3	0.92	1.1	1.5	0.8	0.85	0.87	0.858	01
02	0.99	1.9	0.58	6.3	1.3	1.9	0.94	1.3	0.8	0.89	2.8	0.828	02
03	0.97	1.5 B	0.558	1.5	1.4	1.6	1.1	0.98	0.79	0.89	1.4	0.838	03
04	0.97	1.1 B	0.538	1.8	1.3	1.2	1.0	0.92	0.78	0.85	1.1	0.85	04
05	0.97	1.0 B	0.528	3.2	1.2	1.3	1.0	0.89	0.8	0.84	0.98	0.83	05
06	0.978	0.968	0.438	1.8	1.1	1.2	0.9	0.86	0.84	0.85	0.93	0.8	06
07	0.998	1.0 B	0.4	1.7	1.2	1.1	0.85	0.86	0.84	0.89	0.9	0.858	07
08	0.998	1.1	0.398	1.5	2.2	0.98	0.82	0.87	0.83	0.9	0.88	1.1	08
09	1.0	1.1	0.368	1.6	1.9	0.95	0.8	0.85	0.82	0.85	0.87	0.97	09
10	0.99	1.0 B	0.348	2.5	1.8	0.94	0.82	0.83	0.82	0.82	0.87	0.93	10
11	0.95	1.0 B	0.298	1.5	2.4	0.94	1.3	0.83	0.84	0.81	0.87	1.7	11
12	0.97	1.0	0.288	1.3	1.6	0.93	1.1	0.82	0.84	0.81	0.98	1.2	12
13	0.96	0.938	0.3	1.3	1.6	1.2	0.9	0.81	0.82	0.83	0.91	1.0	13
14	0.97	0.898	0.3	1.3	1.5	1.0	0.84	0.8	0.81	0.91	1.6	0.98	14
15	0.96	0.888	0.3	1.4	1.3	1.0	0.81	0.81	0.82	0.82	1.2	0.94	15
16	0.97	0.848	0.3	1.6	1.2	1.1	0.8	1.4	0.89	1.1	0.97	0.888	16
17	1.0	0.838	0.8	2.0	1.2	1.0	0.81	1.5	0.87	0.91	1.0	0.878	17
18	1.5	0.836	14.0 E	5.6	3.2	1.3	0.8	1.0	0.84	0.84	1.4	0.878	18
19	1.5	0.88	7.3 E	2.1	3.8	1.3	0.79	1.2	0.82	0.93	2.0	0.848	19
20	1.3	0.88	5.1 E	1.5	1.8	1.1	0.79	0.89	0.82	1.8	1.3	0.868	20
21	1.2	0.9	10.9 E	1.5	1.5	1.0	0.81	0.85	0.81	1.0	0.98	0.878	21
22	1.1	0.87	3.0	1.6	1.4	0.98	0.8	0.83	0.81	0.96	0.93	0.818	22
23	1.2	0.86	3.4	2.6	1.3	1.3	0.79	0.84	0.82	0.9	0.99	0.8	23
24	4.6	0.83	5.0	1.7	1.2	1.2	0.87	0.82	0.87	0.91	0.96	0.8	24
25	4.0	0.8	4.3	1.4	1.2	1.1	2.1	0.79	0.85	0.94	0.96	0.8	25
26	2.2	0.74	1.6	1.4	1.1	1.1	1.2	0.78	0.85	0.86	0.96	0.8	26
27	1.6 B	0.7	0.93	1.5	1.1	1.0	1.1	0.78	0.86	0.86	0.93	0.8	27
28	1.2 B	0.65	1.0	2.1	1.0	0.94	1.3	0.8	0.84	0.83	0.87	0.8	28
29	1.2 B		1.8 B	1.7	1.0	0.9	1.1	0.8	0.83	0.81	0.88	0.8	29
30	5.0 B		0.938	1.4	0.98	1.2	0.99	0.81	0.85	0.8	0.878	0.8	30
31	6.2		0.688		0.92		0.92	0.81		0.8		0.8	31
TOTAL	50.42	28.87	67.22	59.17	47.0	33.68	30.25	28.83	24.88	28.08	33.16	27.86	TOTAL
MEAN	1.62	1.03	2.16	1.97	1.51	1.12	0.97	0.93	0.82	0.9	1.1	0.89	MEAN
AC-FT	100.0	57.26	133.33	117.36	93.22	66.8	60.0	57.18	49.34	55.69	65.77	55.26	AC-FT
MAX	6.2	2.9	14.0	6.3	3.8	1.9	2.1	1.5	0.89	1.8	2.8	1.7	MAX
MIN	0.95	0.65	0.28	0.77	0.92	0.9	0.79	0.78	0.78	0.8	0.87	0.8	MIN

SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 1.3 CFS
TOTAL DISCHARGE, 911 AC-FT
MAXIMUM DAILY DISCHARGE, 14.0 CFS
MINIMUM DAILY DISCHARGE, 0.28 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29
CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 2.4 SQUARE MILES.
REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.8 B	0.988	0.838	1.7	1.4	0.9	0.74	0.75	0.72	0.75	1.4	0.96	01
02	0.79	1.3	0.86	3.1	1.3	0.89	0.8	0.65	0.68	0.82	1.1	0.94	02
03	0.8	1.2 B	0.86	2.8	1.2	0.9	0.77	0.66	0.72	0.87	0.97	0.94	03
04	0.82	1.1 B	1.2	2.4	1.2	0.86	0.99	0.63	0.93	0.82	0.92	1.2	04
05	0.82	1.0 B	1.3	2.5	1.3	0.84	0.86	0.61	0.79	0.76	0.89	0.97	05
06	0.8	0.948	1.2	3.3	1.3	0.83	0.71	0.61	0.71	0.72	0.87	0.92	06
07	0.8	0.94	1.1	5.0	1.2	0.83	0.68	0.6	0.68	0.72	0.85	0.97	07
08	0.8	0.93	1.0	9.1	1.6	0.82	0.67	0.6	0.95	0.71	0.83	1.2	08
09	0.778	0.938	1.0	8.8	1.4	0.8	0.69	0.6	0.88	0.7	0.83	1.9	09
10	0.738	0.918	1.2	3.5	1.2	0.88	1.1	0.6	0.84	0.75	1.3	1.5	10
11	0.738	0.878	1.0	2.5	1.2	0.87	0.94	0.71	0.74	0.75	1.2	1.1	11
12	0.718	0.828	0.988	2.9	1.1	0.81	0.86	1.4	0.69	0.89	1.2	0.878	12
13	0.698	0.778	0.998	3.4	1.1	0.77	0.72	0.85	0.72	0.9	0.99	0.898	13
14	0.698	0.738	0.998	3.6	1.1	0.76	0.78	0.74	0.73	1.0	0.9	0.928	14
15	0.728	0.728	0.978	3.0	1.3	0.78	0.9	0.7	0.72	0.93	0.92	0.958	15
16	0.778	0.738	0.988	2.5	2.1	0.8	0.88	0.69	0.85	0.85	0.87	0.968	16
17	0.778	0.728	1.1 B	2.7	1.8	1.0	0.78	0.67	0.73	0.83	0.94	0.998	17
18	0.798	0.728	1.1	2.4	1.3	0.9	0.75	0.65	0.92	0.81	0.95	0.99	18
19	0.83	0.748	1.2	1.9	1.1	0.82	0.71	0.83	0.82	0.8	0.9	1.0	19
20	0.83	0.768	1.6	5.4	1.0	0.8	2.3	0.78	0.75	0.8	2.3	1.0	20
21	0.838	0.778	1.9	3.2	0.99	0.78	1.2	0.69	0.72	1.5	1.4	0.92	21
22	0.828	0.798	2.4	2.3	1.2	0.73	0.81	0.7	0.72	1.8	1.2	0.958	22
23	0.828	0.778	2.5	2.0	1.1	0.71	0.72	0.7	0.71	1.0	0.97	0.928	23
24	0.818	0.698	2.5	2.7	1.0	0.71	0.7	0.68	0.74	0.94	0.87	0.928	24
25	0.828	0.628	2.8	2.3	1.3	0.76	0.68	0.68	1.4	0.89	0.84	0.91	25
26	0.828	0.718	3.6	1.8	1.4	0.72	0.68	0.68	1.4	0.86	0.9	0.9	26
27	0.848	0.788	3.5	1.6	1.1	1.1	0.67	0.66	1.2	0.85	1.1	0.89	27
28	0.868	0.8 B	2.7	1.5	1.0	0.81	0.68	0.69	0.85	0.82	1.5	0.84	28
29	0.978		1.9	1.4	0.94	0.78	0.68	0.67	0.81	0.8	1.1	0.828	29
30	0.888		1.6	1.3	0.91	0.78	0.67	0.98	0.8	1.3	1.0	0.828	30
31	0.938		1.5		0.91		0.68	0.84		2.3		0.846	31
TOTAL	24.86	23.74	48.36	92.6	38.05	24.74	25.8	22.3	24.92	29.24	32.01	30.9	TOTAL
MEAN	0.8	0.84	1.56	3.08	1.22	0.82	0.83	0.71	0.83	0.94	1.06	0.99	MEAN
AC-FT	49.3	47.08	95.92	183.67	75.47	49.07	51.17	44.23	49.42	57.99	63.49	61.29	AC-FT
MAX	0.97	1.3	3.6	9.1	2.1	1.1	2.3	1.4	1.4	2.3	2.3	1.9	MAX
MIN	0.69	0.62	0.83	1.3	0.91	0.71	0.67	0.6	0.68	0.7	0.83	0.82	MIN

SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 1.1 CFS
TOTAL DISCHARGE, 828 AC-FT
MAXIMUM DAILY DISCHARGE, 9.1 CFS
MINIMUM DAILY DISCHARGE, 0.60 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29
CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 2.4 SQUARE MILES.
REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

BOWMANVILLE CREEK NEAR ENFIELD - STATION NO. 02HD211

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.868	0.75	1.4	1.4	1.7	0.94	0.97	0.9	0.78	0.81	0.9	0.98	01
02	0.858	0.728	1.2 B	4.7	2.0	1.1	0.89	0.85	0.77	0.81	0.91	0.968	02
03	0.878	0.728	1.1	3.2	1.7	1.4	0.83	0.81	0.79	0.81	0.9	0.958	03
04	1.1	0.728	1.0 B	2.7	1.5	1.1	0.81	0.79	0.8	0.81	0.89	0.94	04
05	1.3	0.878	1.1 B	2.3	1.4	1.1	0.95	0.78	1.6	0.82	0.89	0.9	05
06	0.968	0.928	1.0 B	2.3	1.4	0.99	6.1	0.76	1.1	0.82	0.91	1.3	06
07	0.918	0.838	1.0 B	3.5	1.3	0.96	1.3	0.76	0.92	0.83	0.97	1.6	07
08	0.918	0.778	1.0 B	4.0	1.4	1.3	1.0	0.75	0.88	0.83	0.92	1.3	08
09	0.918	0.738	0.988	6.5	1.4	1.0	0.93	0.73	0.83	1.1	0.89	1.9	09
10	0.91	0.738	0.938	7.5	1.3	0.93	0.85	0.79	0.8	1.4	0.99	2.6	10
11	0.92	0.738	0.958	7.4	1.2	0.9	0.8	0.82	0.79	0.97	1.0	1.9	11
12	0.87	0.748	0.958	8.0	1.3	0.89	0.82	0.75	0.8	0.91	1.0	1.3	12
13	0.838	0.728	0.95	11.0	1.2	2.5	1.0	0.74	0.94	0.89	1.2	1.2	13
14	0.848	0.738	0.96	5.6	1.1	1.2	0.94	0.76	0.92	0.97	1.0	1.1	14
15	0.838	0.828	1.4	4.7	1.0	0.98	0.85	0.76	0.87	0.94	1.2	2.0	15
16	0.838	0.88	1.8	4.9	1.1	0.93	0.87	0.74	0.86	0.9	1.1	1.9	16
17	0.848	0.89	1.4	4.3	1.1	0.9	1.1	0.73	0.95	0.88	0.98	1.3	17
18	0.858	0.9	1.3	4.4	1.0	0.87	0.89	0.72	0.87	0.87	0.96	1.0	18
19	0.858	0.9	1.2 B	4.3	1.0	0.85	0.9	0.71	0.86	0.86	1.4	1.0 B	19
20	0.858	1.2	1.2	3.6	1.2	0.84	0.89	0.71	2.1	0.85	1.2	1.1 B	20
21	0.868	1.1	1.1	3.1	1.1	0.91	0.85	0.73	1.3	0.84	1.2	1.1	21
22	0.888	1.1	1.1	2.8	1.0	0.83	0.9	0.83	0.96	0.85	0.97	1.0	22
23	0.888	1.3	1.0	2.4	1.0	0.8	0.95	1.0	0.91	0.87	0.86	1.1 B	23
24	0.86	1.1	0.99	2.2	1.0	0.8	0.93	0.78	0.89	0.91	0.86	1.3	24
25	0.86	1.0	0.99	2.0	1.3	1.4	0.93	0.78	0.85	1.2	0.88	1.1	25
26	0.86	1.1	0.97	2.0	1.2	1.0	1.5	0.89	0.85	1.0 E	0.91	1.1	26
27	0.748	1.8	0.99	1.9	1.4	2.1	1.2	1.5	0.82	0.9 E	0.99	1.0	27
28	0.758	1.7	1.0	1.9	1.1	11.9	0.95	1.3	0.85	0.93	1.1	1.1	28
29	0.758		0.99	2.0	1.0	1.4	1.0	1.0	0.96	0.91	1.2	1.0	29
30	0.758		0.99	1.8	1.0	1.1	0.94	0.87	0.85	0.9	1.0	1.0 B	30
31	0.75		1.0		0.96		0.92	0.83		0.9		1.0 B	31
TOTAL	27.03	26.47	33.94	118.4	38.36	43.92	34.76	25.87	28.47	28.29	30.18	39.04	TOTAL
MEAN	0.87	0.94	1.09	3.94	1.23	1.46	1.12	0.83	0.94	0.91	1.0	1.25	MEAN
AC-FT	53.61	52.5	67.31	234.84	76.08	87.11	68.94	51.31	56.47	56.11	59.86	77.43	AC-FT
MAX	1.3	1.8	1.8	11.0	2.0	11.9	6.1	1.5	2.1	1.4	1.4	2.6	MAX
MIN	0.74	0.72	0.93	1.4	0.96	0.8	0.8	0.71	0.77	0.81	0.86	0.9	MIN

SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 1.3 CFS
TOTAL DISCHARGE, 941 AC-FT
MAXIMUM DAILY DISCHARGE, 11.9 CFS
MINIMUM DAILY DISCHARGE, 0.71 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29
CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 2.4 SQUARE MILES.
REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

BOWMANVILLE CREEK NEAR ENFIELD - STATION NO. 02HD211

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.0 B	1.0 E	1.0 B				1.1	0.8	0.86	1.1	1.1	1.1	J1
02	1.0	1.0 E	1.0 B				1.0	1.0	0.88	1.1	1.5	1.0	02
03	1.0	1.0 E	1.0 B				1.1	1.1	0.9	0.98	1.3	1.0	03
04	1.0	1.0 B	1.0 B				1.0	0.88	0.86	0.93	1.2	0.95 B	04
05	1.0	1.0 B	1.0 B				0.97	0.83	0.84	0.91	1.2	1.0 B	05
06	1.0 B	1.0 B	0.99				0.96	0.83	0.83	1.3	1.1	2.4	06
07	1.0 B	0.94 B	1.1 B				0.93	1.4	0.84	1.3	1.1	1.3	07
08	0.94	0.97 B	1.1 B				0.92	1.4	1.7	0.9 E	2.9	1.1	08
09	1.0	0.95 B	1.0 B				0.92	1.7	1.0	0.9 E	1.7	1.1	09
10	1.1	0.9 B	0.97 B				0.99	1.0	0.88	0.9 E	1.4	1.2	10
11	1.1	0.93	0.99 B				0.93	0.92	0.86	0.9 E	1.4	1.0	11
12	1.1	0.96	1.1 B				0.9	0.96	0.85	0.9 E	1.3	1.4	12
13	1.0	1.0 B	1.1 B	26.6			0.97	0.93	0.86	0.9 E	1.2	5.2	13
14	1.0 B	1.2 B	1.1 B	22.1			1.1	0.93	0.86	0.9 E	1.2	2.0	14
15	1.0 B	1.2	1.1	10.5			1.8	0.89	0.82	0.9 E	1.1	1.5 B	15
16	1.0 B	1.1 B	1.3	7.9			1.6	0.91	0.81	0.9 E	1.1	1.4 B	16
17	1.0 B	1.1 B	1.5	16.5			1.0	0.95	0.8	0.9 E	1.1	1.3 B	17
18	1.0 B	1.0	1.4	12.4			0.94	0.92	0.79	0.9 E	1.2	1.3 B	18
19	1.2 B	1.0 B	1.3 B				0.92	0.89	0.79	0.9 E	1.2	1.2	19
20	1.1	1.0 B	1.2 B				0.92	0.86	0.78	0.9 E	1.2	1.2	20
21	1.0 E	1.0 B	1.2				0.89	0.85	0.78	0.95	1.1	1.2	21
22	1.2 E	1.0 B	2.2				1.1	0.87	0.77	1.6	1.1	1.2	22
23	1.5 E	1.0	2.3				1.2	1.3	0.77	3.3	1.1	1.2	23
24	1.2 E	1.0	1.8				0.98	1.1	0.9	1.6	1.1	1.2	24
25	1.3 E	0.99	1.5 B				0.94	0.97	0.86	1.3	1.2	1.3	25
26	1.1 E	0.99	1.4 B	2.8			0.9	0.9	1.2	1.2	2.0	1.3	26
27	1.0 E	0.98	1.3 B	2.7			0.86	2.4	0.96	1.1	1.7	1.3	27
28	1.0 E	1.0	1.2				0.83	1.3	0.87	1.2	1.4	1.2	28
29	1.0 E	1.0	1.2				0.83	0.98	1.3	1.9	1.2	1.2 B	29
30	1.0 E		1.4			1.3	0.81	0.9	2.3	1.3	1.1	1.2 B	30
31	1.0 E		1.4				0.8	0.87		1.1		3.4	31
TOTAL	32.84	29.21	39.15				31.11	32.54	28.52	35.87	39.5	45.88	TOTAL
MEAN	1.05	1.0	1.26				1.0	1.04	0.95	1.15	1.31	1.48	MEAN
AC-FT	65.13	57.93	77.65				61.7	64.54	56.56	71.14	78.34	91.0	AC-FT
MAX	1.5	1.2	2.3				1.8	2.4	2.3	3.3	2.9	5.2	MAX
MIN	0.94	0.9	0.97				0.8	0.8	0.77	0.9	1.1	0.98	MIN

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, CFS
 TOTAL DISCHARGE, AC-FT
 MAXIMUM DAILY DISCHARGE, 26.6 CFS
 MINIMUM DAILY DISCHARGE, 0.77 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29
 CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 2.4 SQUARE MILES.
 REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH
 CONCRETE CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED

NATURAL FLOW

BOWMANVILLE CREEK NEAR ENFIELD - STATION NO. 02HD211

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.9	1.5 B	1.1	6.6	1.8	1.4	1.1	1.3 E	1.0	0.87	2.3	1.2	01
02	2.1	11.4 B	1.1	4.5	2.4	1.3	1.0	1.1 E	0.96	0.97	1.6	1.1	02
03	1.7	5.3	4.4	4.4	1.9	1.2	0.99	0.95	0.89	1.4	1.5	1.2	03
04	2.1	2.0	15.8	3.4	1.8	1.4	1.1	0.89	0.87	1.1	1.1	1.4	04
05	1.7	1.7	4.0	3.8	1.6	1.4	1.3	0.85	0.88	1.0	1.1	1.5	05
06	1.5 B	1.5 B	14.6	2.5	1.4	1.4	1.0	0.84	0.87	0.94	1.1	1.3	06
07	1.5 B	1.5	11.1	2.2	1.4	1.6	0.98	0.84	0.85	0.92	1.1	1.2	07
08	1.4 B	1.4	4.8	2.0	3.5	1.3	0.95	0.84	0.86	0.9	1.1	1.1	08
09	1.4 B	1.3 B	2.6	1.8	2.4	1.2	0.92	0.86	0.86	0.9	1.0	1.2	09
10	1.3 B	1.3 B	2.6	1.9	3.0	1.1	0.92	0.9	0.87	0.89	0.93	1.3	10
11	1.2 B	1.3 B	6.9	1.9	2.3	1.1	0.92	0.89	0.86	0.89	0.98	1.2	11
12	1.2 B	1.3 B	3.8 E	1.8	1.8	1.1	0.92	0.85	0.85	0.89	1.0	1.2	12
13	1.2	1.3 B	2.5	1.6	1.7	1.1	0.95	0.86	0.82	1.0	1.0	1.2 B	13
14	1.2	1.2 B	2.3	1.6	1.6	1.0	1.0	0.86	0.82	1.1	1.0	1.1 B	14
15	1.2	1.2 B	3.0	1.7	1.8	1.0	0.96	0.86	0.82	0.95	2.4	1.2 B	15
16	1.2	1.1	2.4	1.7	1.8	1.1	0.94	0.86	0.84	0.95	1.7	1.1 B	16
17	1.3	1.0	7.0	1.7	1.7	1.1	0.94	0.85	0.88	1.0	1.3	1.1 B	17
18	2.4	1.1 B	2.7	1.6	1.5	1.2	0.93	1.3	1.3	1.0	1.2	1.1 B	18
19	10.2	1.1 B	2.3	1.6	1.4	1.2	0.93	1.1	0.93	1.2	1.2	1.0 B	19
20	4.8	1.2	2.0	1.6	1.4	1.1	0.95	0.96	0.92	1.2	1.1	1.1 B	20
21	2.3	1.2	1.8	1.5	1.4	1.1	0.94	0.95	0.89	1.0	1.3	1.0 B	21
22	2.7	1.2	1.7	1.7	1.3	1.1	0.92	0.94	1.1	0.97	1.4	1.0 B	22
23	6.1	1.2	1.9	1.8	1.3	1.0	0.91	0.92	1.4	0.96	1.2	1.0 B	23
24	2.5	1.2	2.4	1.6	1.3	1.7	0.92	0.92	1.1	0.94	1.5	1.0 B	24
25	1.8 B	1.1	2.4	1.5	1.3	1.3	0.97	0.91	0.98	0.95	1.4	1.2 B	25
26	1.7	1.1	2.4	1.4	1.5	1.1	1.0	0.89	0.92	0.95	1.2	1.6	26
27	1.6	1.1	2.0	3.5	1.4	1.1	1.0	0.91	0.92	0.93	1.2	2.1	27
28	1.6	1.1	1.7	2.7	3.2	1.6	1.3	0.86	0.91	1.0	2.4	1.7	28
29	1.5 B		1.9	1.8	1.7	1.5	1.1 E	0.84	0.89	1.5	1.9	1.5	29
30	1.6 B		2.8	1.7	1.5	1.1	0.8 E	0.82	0.87	2.3	1.5	1.4	30
31	1.5 B		2.4		1.6		2.0 E	1.1		1.6		1.3	31
TOTAL	69.4	49.9	120.4	69.1	55.7	36.9	31.56	28.82	27.93	33.17	40.71	38.6	TOTAL
MEAN	2.23	1.78	3.88	2.3	1.79	1.23	1.01	0.92	0.93	1.07	1.35	1.24	MEAN
AC-FT	137.65	98.97	238.81	137.05	110.48	73.19	62.59	57.16	55.39	65.79	80.74	76.56	AC-FT
MAX	10.2	11.4	15.8	6.6	3.5	1.7	2.0	1.3	1.4	2.3	2.4	2.1	MAX
MIN	1.2	1.0	1.1	1.4	1.3	1.0	0.8	0.82	0.82	0.87	0.93	1.0	MIN

SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 1.6 CFS
 TOTAL DISCHARGE, 1190 AC-FT
 MAXIMUM DAILY DISCHARGE, 15.8 CFS
 MINIMUM DAILY DISCHARGE, 0.80 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29
 CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 2.4 SQUARE MILES.
 REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH
 CONCRETE CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.2	2.1 B	1.7 B	4.6	2.0	1.4	0.99	0.5	0.36	0.58	0.74	0.64E	01
02	1.1 B	1.1 B	1.5 B	10.3	1.5	1.3	0.84	0.5	0.36	0.58	0.72	1.4 E	02
03	1.1	0.93B	1.9	5.0	1.5	1.3	6.1	0.48	0.57	0.53	0.76	1.7 E	03
04	1.1	0.94B	12.8	10.9	1.4	1.2	1.1	0.56	0.41	0.51	0.89	1.0 E	04
05	1.0	0.94B	30.1	3.1	1.4	1.2	0.77	0.48	0.36	0.5	0.85	0.55B	05
06	1.0	0.95B	15.6	2.2	1.8	1.2	0.58	0.43	0.34	0.49	0.9	0.42	06
07	0.99	0.95B	10.7	2.1	1.6	1.1	0.5	0.39	0.34	0.56	0.8	0.38	07
08	0.77B	0.96B	2.6 B	1.8	1.5	1.1	0.47	0.38	0.34	0.52	0.76	0.9	08
09	0.98B	0.97	2.0	1.6	2.7	1.2	0.45	0.46	0.32	0.52	0.76	0.85B	09
10	0.98B	0.99	1.7 B	1.6	1.8	1.2	0.56	0.43	0.32	0.54	0.75	0.5 B	10
11	0.99	1.0	1.8 B	1.6	1.6	1.2	0.41	0.41	0.33	0.55	0.75	0.37B	11
12	0.96	1.0	1.6 B	1.9	7.0	1.2	0.35	0.45	0.41	0.6	1.4	0.48	12
13	0.94	1.0 E	1.3 B	2.1	3.1	1.2	0.32	0.45	0.43	0.6	0.79E	0.51	13
14	0.98	1.0	1.3 B	3.1	2.1	1.2	0.35	0.4	0.39	1.4	1.0 E	0.49	14
15	1.0	0.97	1.3	2.7	2.6	2.1	0.4	0.37	0.38	0.85	0.7 E	0.45	15
16	1.0	0.97	1.4 B	1.8	2.8	2.1	0.42	0.37	0.38	0.72	0.67E	0.53	16
17	0.93	0.95B	1.4 B	1.6	6.1	1.4	0.42	0.39	0.41	0.74	1.2 E	0.57	17
18	0.92	0.94B	1.3 B	1.6	2.4	1.6	0.42	0.36	0.41	0.67	0.85E	0.53	18
19	0.92	0.94B	1.3 B	1.5	2.0	2.4	0.42	0.34	0.41	0.65	0.67E	0.51	19
20	0.95	0.94B	1.3 B	1.4	1.7	1.6	0.38	0.33	0.41	0.64	3.5 E	0.49	20
21	1.4	0.93	1.3 B	1.4	1.6	1.1	0.42	0.33	0.4	0.67	2.8 E	0.5	21
22	1.2	1.5 B	1.3	2.5	1.6	0.97	0.4	0.32	0.41	0.7	0.69E	0.51	22
23	1.3	1.4 B	1.3	2.5	1.7	0.9	0.43	0.36	0.41	0.74	0.63E	0.52	23
24	1.2	1.1 B	1.3	2.0	1.6	0.91	0.49	0.36	0.41	0.7	1.4 E	0.53	24
25	1.1	1.1 B	1.2 B	1.6	1.7	0.92	0.49	0.33	0.65	0.72	0.62E	0.54	25
26	1.1	0.95	1.3	1.5	1.6	0.89	0.51	0.33	0.53	0.72	0.57E	0.53E	26
27	7.6	1.0	1.2	1.4	1.6	0.84	0.51	0.9	0.45	0.71	0.55E	0.52E	27
28	4.4	1.2	1.2	1.4	1.6	0.8	0.44	0.45	1.0	0.72	0.55E	0.52E	28
29	2.4		1.2	1.7	1.9	1.9	0.97	0.4	1.9	0.74	0.57E	0.54E	29
30	2.0		1.2	1.8	1.6	1.3	0.85	0.38	0.72	0.87	0.6 E	0.53E	30
31	2.4		1.5		1.5		0.58	0.39		0.78		0.48E	31
TOTAL	45.91	29.72	108.6	80.3	66.6	38.73	22.34	13.03	14.56	20.82	26.44	18.99	TOTAL
MEAN	1.48	1.06	3.5	2.67	2.14	1.29	0.72	0.42	0.48	0.67	0.94	0.61	MEAN
AC-FT	91.06	58.94	215.4	159.27	132.1	76.82	44.31	25.84	28.87	41.29	56.41	37.66	AC-FT
MAX	7.6	2.1	30.1	10.9	7.0	2.4	6.1	0.9	1.9	1.4	3.5	1.7	MAX
MIN	0.77	0.93	1.2	1.4	1.4	0.8	0.32	0.32	0.32	0.49	0.55	0.37	MIN

SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 1.3 CFS
TOTAL DISCHARGE, 968 AC-FT
MAXIMUM DAILY DISCHARGE, 30.1 CFS
MINIMUM DAILY DISCHARGE, 0.32 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29
CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 2.4 SQUARE MILES.
REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

BOWMANVILLE CREEK NEAR ENFIELD - STATION NO. 02HD211

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.51E	1.6 B	1.0 E	1.4	2.6	1.5	0.86	0.81	0.73	0.67	1.0	1.5	01
02	0.48E	1.5 B	1.0 E	1.2 B	2.5	1.1	0.91	0.81	0.68	0.65	0.92	1.0 B	02
03	0.45E	1.5 B	1.0 E	1.1 B	2.4	1.1	0.9	0.92	0.61	0.6	0.9	0.98B	03
04	0.48E	1.4 B	1.0 E	1.1 B	3.6	1.0	0.87	0.91	0.61	0.62	0.88	0.93B	04
05	0.45E	1.4 B	1.0 E	1.2 B	3.9	1.1	0.85	0.8	0.61	0.62	0.83	0.99B	05
06	0.45E	1.4	1.0 E	1.2 B	2.8	1.1	0.83	0.77	0.61	0.64	0.83	1.7	06
07	0.48E	1.4	1.0 E	1.2 B	2.4	1.1	0.83	0.77	0.6	0.63	0.86	0.97B	07
08	0.51E	1.3	1.0 E	1.1	2.2	1.1	0.9	0.74	0.63	0.61	0.92	0.87B	08
09	2.1 E	1.2 B	1.0 E	1.2	2.1	0.98	0.88	0.76	0.59	0.62	0.87	0.92B	09
10	1.6 E	1.0 B	1.0 E	1.2	1.9	0.96	0.91	0.77	0.6	0.76	2.5	0.94B	10
11	12.0	0.96	1.0 E	1.4	1.9	0.95	0.94	0.92	0.7	0.73	1.1	0.93B	11
12	3.9	0.96	1.3 E	1.4	2.0	1.7	0.89	0.81	1.1	0.7	0.89	0.92B	12
13	2.5	0.97	2.8 E	1.6	1.9	1.2	0.85	0.8	0.74	0.84	0.85	0.95B	13
14	2.0 B	0.93	2.0 E	3.2	1.7 E	1.1	0.86	0.77	0.69	0.81	0.82	1.3	14
15	1.8 B	0.95	1.3 E	3.1	1.5 E	1.7	0.83	0.72	0.64	0.76	0.82	2.7	15
16	1.7 B	1.0	1.4 E	3.5	1.3 E	2.2	0.82	0.61	0.66	0.75	0.84	1.2 B	16
17	1.7 B	1.1	3.4 E	4.6	1.2	1.2	0.81	0.6	0.65	0.78	0.82	0.98B	17
18	1.6 B	1.8	11.6 E	6.3	1.1	1.2	0.82	0.59	1.0	1.0	0.83	0.93B	18
19	1.7 E	1.6	30.2	14.8	1.2	2.2	1.2	0.59	2.3	0.86	0.84	0.88B	19
20	1.7 E	1.4	17.1	4.5	1.1	1.3	3.3	0.6	1.1	0.86	0.81	0.83B	20
21	1.6 E	1.4	3.7	3.2	1.3	1.1	1.4	0.62	0.9	0.86	0.94	0.8 B	21
22	1.5	1.6	8.1	2.8	1.1	1.0	1.0	0.6	0.77	0.83	0.87	0.77B	22
23	1.5	9.3	4.2	2.9	1.1	1.0	0.89	0.59	0.71	0.79	0.83	0.75B	23
24	1.6	41.5	5.1	4.6	1.1	0.96	0.99	1.5	0.68	0.77	0.84	0.76B	24
25	2.4	6.8	5.2	3.0	1.0	0.92	0.93	0.82	0.65	0.77	0.82	0.77B	25
26	2.9 B	1.5 E	2.2 B	2.9	1.2	0.9	0.86	0.71	0.65	0.78	0.79	0.78B	26
27	2.2 B	1.0 E	1.5 B	2.7	1.1	0.92	0.86	0.64	0.62	0.77	1.2	0.8 B	27
28	2.0	1.0 E	1.3 B	2.7	1.0	0.94	0.86	0.59	0.77	0.77	1.1	0.82B	28
29	2.2		2.1	2.6	0.98	0.91	0.83	0.79	0.58	0.76	0.97	0.85B	29
30	1.9 B		1.7	2.6	1.2	0.86	0.83	0.88	0.57	0.74	2.0	1.3	30
31	1.7 B		1.4 B		1.7		0.89	0.68		0.72		1.3 B	31
TOTAL	59.61	89.47	118.6	86.3	54.08	35.3	30.4	23.49	22.57	23.07	29.49	32.12	TOTAL
MEAN	1.92	3.19	3.82	2.87	1.74	1.17	0.98	0.75	0.75	0.74	0.98	1.03	MEAN
AC-FT	118.23	177.46	235.24	171.17	107.26	70.01	60.29	46.59	44.76	45.75	58.49	63.71	AC-FT
MAX	12.0	41.5	30.2	14.8	3.9	2.2	3.3	1.5	2.3	1.0	2.5	2.7	MAX
MIN	0.45	0.93	1.0	1.1	0.98	0.86	0.81	0.59	0.57	0.6	0.79	0.75	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 1.7 CFS
TOTAL DISCHARGE, 1200 AC-FT
MAXIMUM DAILY DISCHARGE, 41.5 CFS
MINIMUM DAILY DISCHARGE, 0.45 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29
CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 2.4 SQUARE MILES.
REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.9 B	0.79B	3.5 B	4.9	1.0	2.4	2.4	1.9	1.0	0.61	0.91	1.0 B	01
02	0.79B	0.74B	2.6 B	3.0	1.1	1.6	1.9	1.3	1.2	0.6	0.9	1.0 B	02
03	0.76B	0.72B	2.3 B	2.6	1.5	1.4	2.2	1.1	0.96	0.58	0.94	1.0 B	03
04	0.76B	0.66B	1.7 B	2.1	1.3	1.3	1.9	1.0	0.84	0.56	0.9	1.0 B	04
05	0.74B	0.64B	8.0	1.9	1.2	1.2	1.4	1.1	0.8	0.56	0.89	0.95B	05
06	0.77B	0.65B	6.5	1.8	1.8	1.1	1.3	1.0	0.7 E	0.88	0.89	0.9 B	06
07	0.76B	0.64B	2.9	1.6	3.9	1.5	1.2	0.97	0.62F	1.3	0.91	0.85B	07
08	0.69B	0.65B	1.7 B	1.4	2.2	1.2	1.4	1.1	0.55E	0.79	0.85	0.85B	08
09	0.71B	0.65B	1.5 B	1.4	1.7	1.3	1.1	1.1	0.58E	1.2	0.83	0.85B	09
10	0.7 B	0.72B	1.4 B	1.4	1.5	1.1	1.1	1.0	1.0 E	1.2	0.89	0.8 B	10
11	0.67B	0.71	1.3 B	1.2	1.8	1.1	1.5	0.96	0.87	0.91	0.87	0.8 B	11
12	0.66B	0.68	1.2 B	1.1	1.7	1.1	1.4	1.1	0.71	0.86	0.88	0.8 B	12
13	0.66B	0.68	2.1 B	1.2	1.4	1.0	1.2	2.0	0.61	0.87	0.91	0.85B	13
14	0.67B	0.68	1.6 B	1.2	1.4	3.0	1.1	1.9	0.57	0.96	0.91	1.0	14
15	0.66B	0.73	1.4 B	1.6	1.4	1.5	1.1	1.4	0.55	0.91	0.89	1.1	15
16	0.65B	1.3	1.3 B	3.4	4.1	1.5	1.3	1.1	0.54	0.88	0.88	1.1	16
17	0.65B	1.5	1.3 B	2.8	4.9	1.4	1.2	0.98	0.66	0.87	0.89	1.1	17
18	0.59B	1.9	1.3 B	2.2	2.6	1.2	1.1	0.92	0.82	0.88	0.95	1.1	18
19	0.62B	3.9	1.6	1.8	2.5	1.7	1.0	0.92	0.6	0.93	1.0	1.1	19
20	0.53B	2.1	22.8	1.6	2.5	1.5	1.2	0.89	0.95	1.3	0.97	1.1	20
21	0.61B	1.6	26.2	1.3	1.8	1.3	1.2	0.88	0.78	1.6	0.87	1.3 B	21
22	0.6 B	3.6	3.9	1.5	1.6	1.5	1.0	0.86	0.83	1.3	0.91	1.1 B	22
23	0.6 B	1.6 B	5.3	1.2	1.5	1.3	1.1	0.86	1.1	1.1	0.94	1.0 B	23
24	0.59B	1.4 B	10.1	1.1	1.4	1.2	1.2	0.82	0.76	1.2	0.95	1.0 B	24
25	0.97B	1.7	9.6	2.3	1.5	2.1	1.0	0.78	0.66	1.2	0.94	0.95B	25
26	2.1 B	5.1	4.4	2.0	1.5	1.4	0.98	0.79	0.99	1.1	1.4	0.95B	26
27	1.4 B	7.3	6.5	1.9	1.4	1.3	1.1	0.81	1.0	1.0	2.1	0.95B	27
28	1.2 B	4.7	3.5	1.6	1.2	1.1	0.98	0.89	0.76	1.0	1.4	0.95B	28
29	1.7 B	3.5	2.6	1.3	1.2	1.9	2.4	1.2	0.69	0.93	1.1	0.95B	29
30	0.88B		3.4	1.1	1.2	3.4	1.6	0.94	0.65	0.91	1.1 B	0.95B	30
31	0.94B		7.6		3.5		2.7	0.86		0.95		0.9 B	31
TOTAL	24.91	51.54	150.8	55.5	59.3	45.6	43.26	33.43	23.35	29.94	29.77	30.25	TOTAL
MEAN	0.3	1.77	4.86	1.85	1.91	1.52	1.39	1.07	0.77	0.96	0.99	0.97	MEAN
AC-FT	49.21	102.22	299.11	110.08	117.62	90.44	85.8	66.3	46.31	59.38	59.04	60.0	AC-FT
MAX	2.1	7.3	26.2	4.9	4.9	3.4	2.7	2.0	1.2	1.6	2.1	1.3	MAX
MIN	0.59	0.64	1.2	1.1	1.0	1.0	0.98	0.78	0.54	0.56	0.83	0.8	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 1.6 CFS
TOTAL DISCHARGE, 1150 AC-FT
MAXIMUM DAILY DISCHARGE, 26.2 CFS
MINIMUM DAILY DISCHARGE, 0.54 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29
CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 2.4 SQUARE MILES.
REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

BOWMANVILLE CREEK NEAR ENFIELD - STATION NO. 02HD211

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.7 B	0.84	0.88B	1.7	1.4	1.1	1.3	0.67	1.4	2.7	1.1	4.5	01
02	0.7 B	0.81	0.82B	2.4	1.5	1.1	0.93	0.55	2.0	1.7	1.1	2.3	02
03	0.7 B	0.74	0.82	3.5	1.5	1.1	0.87	0.52	1.1	1.4	1.1	1.8	03
04	0.85	0.71	2.0	1.8	1.5	1.1	0.91	0.52	0.89	1.1	1.1	1.6	04
05	0.88	0.69	4.3	3.7	1.5	1.0	0.84	0.75	0.86	1.1	1.1	1.5	05
06	0.89	0.68	2.2	2.0	1.5	1.0	1.2	0.84	0.84	1.1	1.1	1.4	06
07	0.9	0.68	2.0	1.6	1.4	1.0	1.3	0.56	0.85	1.0	2.6	1.4	07
08	0.89	0.72	1.9	1.6	1.4	0.99	1.2	0.56	0.85	2.0	3.0	1.4	08
09	0.88	0.74B	5.3	1.7	1.4	0.99	0.98	0.54	0.85	3.5	1.6	1.4	09
10	0.99	0.74B	16.2	1.7	1.4	0.99	0.87	1.5	0.87	1.6	3.5	1.4	10
11	1.0	0.73B	9.7	1.7	1.4	0.95	0.87	0.87	0.84	1.4	2.1	1.4	11
12	0.97	0.74	9.3	1.7	1.4	0.94	0.94	0.54	0.84	1.4	1.6	1.4	12
13	0.93	0.99	18.8	1.7	1.4	0.94	0.9	0.6	1.1	1.2	1.4	1.4	13
14	0.91	0.82	6.0	1.6	1.4	0.84	0.84	0.69	1.1	1.2	1.3	3.5	14
15	0.9	0.8 B	4.2	1.6	1.4	0.84	0.88	0.61	0.92	1.1	1.4	2.8	15
16	0.87	0.78B	3.4	1.5	1.4	0.84	0.89	1.7	1.4	1.4	2.5	2.2	16
17	0.85	0.78B	2.4	1.5	1.4	0.98	0.85	1.3	1.4	1.2	2.8	2.0	17
18	0.82	0.77B	2.0	1.5	1.4	1.4	0.86	0.79	1.1	1.1	2.2	1.9	18
19	0.81	0.76B	2.0	1.4	1.4	1.1	0.9	0.76	1.1	1.1	1.8	1.8	19
20	0.79	0.77B	1.8	1.4	1.4	1.0	0.61	0.76	1.2	1.1	1.5	1.8	20
21	0.78	0.75B	1.8	1.4	1.4	1.0	0.59	0.8	1.2	1.1	1.6	2.0	21
22	0.75	0.74B	1.8	2.1	1.4	0.91	0.57	1.2	1.0	1.1	1.4	1.8	22
23	0.73	0.72B	1.7	3.9	1.3	0.88	0.56	0.81	0.99	1.1	1.7	1.7	23
24	0.73	1.1	1.5	4.0	1.3	0.88	0.58	1.1	0.99	1.1	2.0	1.7	24
25	0.72	1.1	1.4	4.7	1.3	1.7	0.58	0.81	2.3	1.1	1.8	3.0	25
26	0.71	0.95	1.4	3.1	1.3	1.1	0.56	0.76	2.0	1.1	2.4	2.0	26
27	0.68	0.96	1.6	1.9	1.2	0.92	0.56	0.76	1.3	1.1	1.5	1.7	27
28	0.72	0.95	2.2	1.6	1.2	0.88	0.56	0.76	1.2	1.1	1.5	1.6	28
29	0.78		3.4	1.5	1.1	1.7	0.58	0.77	1.1	1.1	1.5	1.6	29
30	0.78		2.9	1.5	1.1	1.0	0.59	0.77	1.1	1.1	1.5	1.6	30
31	0.84		2.3		1.1		0.73	0.75		1.1		1.5	31
TOTAL	25.45	22.56	118.02	63.0	42.2	31.17	25.4	24.92	34.69	41.5	52.8	59.1	TOTAL
MEAN	0.82	0.8	3.8	2.1	1.36	1.03	0.81	0.8	1.15	1.33	1.76	1.9	MEAN
AC-FT	50.48	44.74	234.09	124.96	83.7	61.82	50.38	49.42	68.8	82.31	104.72	117.22	AC-FT
MAX	1.0	1.1	18.8	4.7	1.5	1.7	1.3	1.7	2.3	3.5	3.5	4.5	MAX
MIN	0.68	0.68	0.82	1.4	1.1	0.84	0.56	0.52	0.84	1.0	1.1	1.4	MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 1.5 CFS
TOTAL DISCHARGE, 1070 AC-FT
MAXIMUM DAILY DISCHARGE, 18.8 CFS
MINIMUM DAILY DISCHARGE, 0.52 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29
CONC. 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 2.4 SQUARE MILES.
REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.5 B	1.4 B	1.1 B	9.0	1.6	1.1							01
02	1.5 B	1.4 B	1.1 B	8.1	1.6	1.1							02
03	1.4 B	1.4 B	1.1 B	3.7	1.5	1.1							03
04	1.3 B	1.4 B	1.1 B	3.1	1.5	1.1							04
05	1.3	1.4 B	1.1 B	5.6	1.6	1.2							05
06	1.3	1.4 B	1.1 B	5.7	1.7	1.1							06
07	1.3	1.3 B	1.1 B	15.7	1.7	1.2							07
08	3.3	1.3 B	1.1 B	5.7	1.6	1.3							08
09	2.6 B	1.3 B	1.1 B	4.4	2.4	1.1							09
10	1.8 B	1.3 B	1.1 B	3.5	1.7	1.1							10
11	1.6 B	1.3 B	1.1 B	8.9	1.5	1.1							11
12	1.6 B	1.3 B	1.1 B	7.2	1.7	1.4							12
13	1.5 B	1.3 B	1.1 B	6.9	1.8	1.8							13
14	1.5 B	1.4 B	1.3	3.9	6.4	1.3							14
15	1.5 B	1.3 B	2.2	3.2	3.0	1.2							15
16	1.4 B	1.3 B	2.0	3.7	2.0								16
17	1.4 B	1.3 B	1.6	3.5	2.0								17
18	1.4 B	1.3 B	1.4	3.6	1.8								18
19	1.4 B	1.3 B	1.4	5.2	1.7								19
20	1.4 B	1.3 B	1.4	6.7	2.5								20
21	1.4 B	1.2 B	2.2	4.5	2.3								21
22	1.4 B	1.2 B	2.8	3.0	1.6								22
23	1.3 B	1.2 B	2.6	2.6	1.4								23
24	1.4 B	1.2 B	2.5	2.4	1.4								24
25	1.4 B	1.2 B	2.0	2.3	1.3								25
26	2.5 B	1.2 B	1.8	2.1	1.2								26
27	1.7 B	1.2 B	1.7	1.9	1.2								27
28	1.6 B	1.1 B	1.6	1.8	1.2								28
29	1.6 B		1.7	1.7	1.1								29
30	1.5 B		2.0	1.6	1.1								30
31	1.4 B		3.1		1.1								31
TOTAL	49.2	36.2	49.6	141.2	56.2								TOTAL
MEAN	1.58	1.29	1.6	4.7	1.81								MEAN
AC-FT	97.58	71.8	98.38	280.07	111.47								AC-FT
MAX	3.3	1.4	3.1	15.7	6.4								MAX
MIN	1.3	1.1	1.1	1.6	1.1								MIN

SUMMARY FOR THE YEAR 1978

MEAN DISCHARGE, CFS
 TOTAL DISCHARGE, AC-FT
 MAXIMUM DAILY DISCHARGE, 15.7 CFS
 MINIMUM DAILY DISCHARGE, 1.10 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29
 CONC. 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 2.4 SQUARE MILES.
 REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH
 CONCRETE CONTROL. STATION DISCONTINUED JUNE 1978.

B - ICE CONDITIONS
 E - ESTIMATED
 NATURAL FLOW

BOWMANVILLE CREEK NEAR ENNISKILLEN - STATION NO. 02HD212

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1965

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01												8.2	01
02												6.9	02
03												8.2	03
04												10.8	04
05												7.7	05
06												7.0	06
07												5.7	07
08												6.1	08
09												6.0	09
10												6.5	10
11												6.2	11
12												6.7	12
13												21.8	13
14												13.2	14
15												9.8	15
16											46.9	8.2	16
17											14.5	7.5	17
18											10.8	7.2	18
19											12.3	6.5 B	19
20												6.0 B	20
21											17.9	5.4	21
22											13.3	5.5	22
23											12.9	6.0	23
24											11.5	23.1	24
25											11.0	35.9	25
26											11.4	22.9	26
27											50.3	9.5	27
28											12.4	8.2	28
29											8.4	8.1	29
30											7.2	9.3	30
31												23.0	31
TOTAL												323.1	TOTAL
MEAN												10.42	MEAN
AC-FT												640.86	AC-FT
MAX												35.9	MAX
MIN												5.4	MIN

SUMMARY FOR THE YEAR 1965

MEAN DISCHARGE, CFS
 TOTAL DISCHARGE, AC-FT
 MAXIMUM DAILY DISCHARGE, CFS
 MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 3, ABOUT
 0.5 MILE WEST OF THE COMMUNITY OF ENNISKILLEN.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 7.9 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED
 NATURAL FLOW

BOWMANVILLE CREEK NEAR ENNISKILLEN - STATION NO. 02HD212

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	16.4	4.1 B	200.0	12.4	5.0	4.6	2.9	2.6	3.5	4.0	4.2	7.8	01
02	8.5	3.8 B	32.7	13.4	4.8	4.4	2.7	3.5	2.9	3.8	8.2	6.2	02
03	9.9	4.2 B	18.1	13.5	6.3	4.2	2.7	3.2	3.0	3.6	10.5	5.1	03
04	7.7	4.1 B	14.8	12.1	7.8	4.2	2.8	2.7	6.1	3.8	6.6	4.8	04
05	6.6	4.0 B	34.4	12.0	7.1	4.5	2.9	2.7	4.2	3.7	5.2	5.1	05
06	6.6	4.1 B	12.5	12.8	7.1	4.0	3.2	2.9	3.7	3.5	5.2	11.7	06
07	6.1 B	4.0 B	7.5 B	16.0	6.1	4.1	3.1	2.8	3.5	3.5	5.1	89.3	07
08	6.2 B	4.3 B	9.1 B	13.9	5.8	3.9	2.8	2.6	3.4	3.4	7.4	49.4	08
09	6.6 B	5.0 B	6.4	13.1	5.2	6.2	2.9	2.7	3.1 E	3.4	26.0	17.1	09
10	6.3	19.0	6.0	13.0 E	5.2	9.5	3.8	2.9	3.1 E	4.9	34.0	67.6	10
11	5.1	57.0	10.1	10.4 E	5.2	4.7	2.7 E	3.8	3.7	4.5	13.5	45.1	11
12	5.3 B	17.1	8.9	10.0 E	8.3	3.9	3.0	3.6	3.4	4.7	8.2	12.4	12
13	5.2 B	8.7	34.6	9.3	8.3	3.2	2.5	3.0	3.3	4.0	5.7	9.9	13
14	5.1 B	5.4 B	21.5	9.5	5.8	4.2	2.4	2.9	3.3	4.3	4.2	8.8	14
15	4.6 B	5.6 B	13.5	8.8	5.1	6.8	2.4	2.9	3.6	4.6	4.2	8.1	15
16	4.4 B	5.3 B	10.2	8.4	6.8	7.3	2.2 E	4.0	3.6	6.7	5.0	8.3	16
17	4.5 B	5.0 B	10.8	8.0	7.2	6.9	2.4 E	3.3	3.6	5.0	6.3	8.5	17
18	4.2 B	5.2 B	15.7	7.1	6.6	4.5	2.7	2.9	3.5	4.5	5.4	8.3	18
19	4.2 B	5.4 B	23.3	6.9	34.5	4.0	2.9	2.8	3.5	4.5	4.4	5.7	19
20	4.1 B	6.2	16.8	9.3	11.3	3.9	2.8	2.7	3.4	4.9	3.5 E	5.7	20
21	4.1 B	6.0	12.2	9.3	11.7	3.7	2.7	2.6	4.4	4.4	4.1 E	5.4	21
22	4.1 B	5.3	18.1	8.4	8.0	3.7	2.7	4.8	5.9	4.3	4.2	4.9	22
23	4.3 B	4.9	14.5	7.3	6.1 E	3.5	2.7	4.3	4.5	4.2	4.3	4.6	23
24	4.5 B	4.7	15.0	7.9	5.0	3.4	2.7	3.3	3.8	4.2	5.1	4.7	24
25	4.4 B	4.6	11.6	8.0	5.8	3.2	2.6	3.2	3.6	4.2	11.3	4.7	25
26	4.8 B	4.3	7.9 B	6.9	5.1	3.1	2.6	3.1	3.5	4.1	7.6	4.7	26
27	5.6 B	4.5	9.4 B	5.6	4.8	3.0	2.6	3.0	3.5	4.2	6.1	4.7	27
28	5.5 B	11.1	9.2 B	5.5	4.7	3.1	2.9	3.0	3.6	4.2	20.0	4.7 B	28
29	5.6 B		10.1	5.7	4.7	3.0	2.9	3.0	4.9	3.9 E	33.7	4.7 B	29
30	6.0 B		14.3	5.3	4.8	2.9	2.7	4.0	5.4	3.4	10.8	4.7	30
31	5.9 B		13.5		4.6		2.6	4.5		3.7		4.7	31
TOTAL	182.4	223.4	643.3	289.8	226.8	131.6	85.5	99.3	114.5	130.7	286.0	437.4	TOTAL
MEAN	5.88	7.97	20.75	9.66	7.31	4.38	2.75	3.2	3.81	4.21	9.53	14.1	MEAN
AC-FT	361.79	443.11	1275.98	574.81	449.85	261.02	169.58	196.96	227.11	259.24	567.28	867.58	AC-FT
MAX	16.4	57.0	200.0	16.0	34.5	9.5	3.8	4.8	6.1	6.7	34.0	89.3	MAX
MIN	4.1	3.8	6.4	5.3	4.6	2.9	2.2	2.6	2.9	3.4	3.5	4.6	MIN

SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, 7.8 CFS
 TOTAL DISCHARGE, 5650 AC-FT
 MAXIMUM DAILY DISCHARGE, 200 CFS
 MINIMUM DAILY DISCHARGE, 2.2 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 3, ABOUT
 0.5 MILE WEST OF THE COMMUNITY OF ENNISKILLEN.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 7.9 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED

NATURAL FLOW

BOWMANVILLE CREEK NEAR ENNISKILLEN - STATION NO. 02HD212

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.7	8.2	4.9 B	34.5	5.0	3.5	10.3	7.2	3.2	4.7	7.3	6.2	01
02	4.7	7.8	4.9 B	28.0	14.0	3.4	15.9	4.4	2.9	4.5	38.8	6.1	02
03	4.8	7.7 B	5.0 B	125.0	14.4	3.1	11.3	5.0	2.8	4.4	21.1	6.4	03
04	4.8	7.5	5.0 B	20.3	7.4	3.1	7.1	6.9	2.8	4.3	15.6	6.4	04
05	4.8	7.3 B	4.9 B	16.8	6.4	3.1	5.2	4.8	2.8	4.1	11.5	6.3	05
06	4.9 B	7.1 B	4.9 B	47.5	5.7	3.2	4.4	4.0	2.8	4.0	8.9	6.5	06
07	5.0 B	6.9 B	4.9 B	24.5	7.4	3.5	4.2	5.4	2.8	4.0	7.9	6.7	07
08	5.1	6.7 B	4.8 B	16.5	11.6	5.9	3.9	4.9	2.8	4.1	7.6	8.0	08
09	5.1	6.4 B	4.7 B	15.2	9.3	4.9	4.1	5.8	2.9	4.8	8.5	7.3	09
10	5.0	6.2 B	5.1 B	24.4	7.4	11.4	3.9	9.2	2.8	4.4	8.1	5.5	10
11	4.8 B	6.0 B	23.2	15.0	10.6	8.9	3.3	4.6	2.8	4.1	9.2	6.8	11
12	4.6 B	5.8 B	26.3	13.4	10.1 E	4.6	4.4	3.8	2.8	4.1	87.5	34.5	12
13	4.9	5.6 B	22.5	13.8	6.8 E	4.1	4.8	3.3	2.7	4.2	38.7	17.5	13
14	5.0	5.3 B	23.1	22.9	5.8 E	3.6	3.8	3.0	2.7	4.3	16.2	9.8	14
15	5.0	5.2	34.8	49.8	6.1 E	5.0	3.3	3.0	2.7	4.7	11.9	8.4	15
16	5.1 B	5.6 B	13.6 B	22.8	5.2	4.7	3.1	2.9	2.7	9.7	11.1 E	7.7	16
17	4.9 B	5.9	8.9 B	24.5	4.9	4.8	3.0	2.8	2.7	11.1	11.0	7.4	17
18	5.6 B	5.5	7.6 B	20.3	5.1	4.7	2.8	2.9	2.9	25.9	22.2	14.1	18
19	6.2 B	5.3	6.7 B	13.9	12.2	3.4	2.7	3.1	2.9	65.1	17.0	21.9	19
20	5.8 B	5.1	6.6 B	11.5	7.8	2.8	2.7	3.6	3.1	15.5	10.5	11.3	20
21	4.6	4.7	8.2 B	10.8	6.4	4.8	2.6	3.0	6.0	10.6	8.9	70.0	21
22	4.6	4.6	6.0	30.4	6.6	15.7	2.8	2.8	6.7	8.4	11.3	137.0	22
23	15.9	4.7	5.9	12.8	5.6	5.5	8.5	2.7	3.7	7.5	20.2	16.3	23
24	20.5	4.6 B	9.1	9.9	4.9	4.2	5.9	2.6	3.6	6.7	14.6	14.0	24
25	25.0	4.7 B	14.1	8.5	4.7	7.0	4.1	2.6	3.6	9.2	12.4	10.3	25
26	26.4	4.8 B	31.0	7.2	4.5	4.8	5.2	2.7	3.5	9.9	14.0	9.8 B	26
27	12.4	4.8 B	180.0	6.3	4.3	4.0	9.0	3.0	3.5	9.2	11.2	8.9 B	27
28	11.6	4.9 B	71.0	5.5	4.4	3.6	10.8	3.4	19.2	14.5	8.2	7.4	28
29	10.8 B		47.3	5.4	4.2	4.1	4.4	3.0	27.8	9.7	7.5	7.0	29
30	8.7 B		53.5	5.4	3.9	4.5	3.6	3.2	5.8	8.0	6.5	6.5	30
31	9.7		29.6		3.7		10.7	4.1		7.2		7.0	31
TOTAL	291.0	164.9	678.1	662.8	216.4	147.9	171.8	123.7	140.0	293.4	485.4	515.0	TOTAL
MEAN	9.38	5.88	21.87	22.04	6.98	4.93	5.54	3.99	4.66	9.46	16.18	16.61	MEAN
AC-FT	577.19	327.07	1345.01	1314.66	429.22	293.35	340.76	245.35	277.69	581.95	962.79	1021.5	AC-FT
MAX	65.0	8.2	180.0	125.0	14.4	15.7	15.9	9.2	27.8	65.1	87.5	137.0	MAX
MIN	4.6	4.6	4.7	5.4	3.7	2.8	2.6	2.6	2.7	4.0	6.5	5.5	MIN

SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, 10.7 CFS
 TOTAL DISCHARGE, 7720 AC-FT
 MAXIMUM DAILY DISCHARGE, 180 CFS
 MINIMUM DAILY DISCHARGE, 2.6 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 3, ABOUT
 0.5 MILE WEST OF THE COMMUNITY OF ENNISKILLEN.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 7.9 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	7.3 B	11.7	4.9	18.3	8.6	6.5	4.6	5.2	3.2	4.1	4.5	10.6	01
02	6.5	90.4	4.8	14.0	9.1	6.3	3.9	3.6	5.4	4.0	4.3 E	10.9	02
03	6.0	92.0	5.1 B	13.1	8.3	6.5	3.9	3.3	4.6	7.5	4.3	11.1	03
04	5.3	35.9	4.1	28.1	8.3	5.5	3.8 E	3.1 E	4.2	5.3	4.3	17.6	04
05	5.2 B	17.4	4.8	18.3	6.7	5.0	4.2	3.1	7.1	4.7	4.2	16.1	05
06	5.1	15.7	4.7	13.1	6.2	4.7	3.8	5.3	27.8	4.6	4.3	11.1	06
07	5.8 B	10.6	4.7 B	12.2	5.8	4.1	3.6	4.5	8.5	5.9	6.7	9.5	07
08	6.1 B	13.1	5.2	11.7	5.7	4.0	3.6	4.3	5.5	5.3	7.5	7.8 B	08
09	5.8 B	8.4 B	8.5	10.9	9.6	4.2	4.2	5.6	5.0	4.9	6.6	9.1 B	09
10	5.8 B	10.7 B	19.2	10.4	11.6	5.0	4.4	4.2	6.5	5.0	6.9	7.1	10
11	5.8 B	10.1	25.1	10.0	7.6	4.8	3.7	3.2	8.0	4.9	6.0	6.9	11
12	5.5	10.5	18.4	10.0	9.8	5.2	3.7	3.1	6.9	4.8	5.6	6.6	12
13	5.1	10.6	13.1 B	8.6	9.6	4.5	3.5	3.4	5.2	4.6	5.6	17.1	13
14	4.5	7.5 B	9.6 B	6.9	6.2	3.9	3.2	3.0	4.8	4.5 E	5.3	11.9 B	14
15	5.5 B	6.0	7.2	8.1	6.4	3.7	3.3	2.9	4.5	5.0	7.6	12.8 B	15
16	5.8 B	5.8	48.2	8.9	10.4	3.7	3.9	3.1	4.4	4.8	7.6	9.2 B	16
17	6.5	6.0 B	86.7	8.7	11.9	3.7	3.6	4.4	4.4	4.8	6.1	5.4	17
18	6.3	5.7	103.0	7.5	7.8	3.6	3.5	3.3	4.4	5.2	9.3	4.8	18
19	7.8	5.4	67.7	7.3	6.8	4.5	3.8	3.4	4.2	9.4	8.4	4.8	19
20	6.1	5.2 B	65.7	6.7	18.1	3.8	4.1	4.8	4.1	6.0	6.7	5.0	20
21	6.1	5.3 B	45.0	6.7	11.2	3.9	3.4	3.8	4.0	5.4	6.3	5.3	21
22	6.0	5.2 B	26.4	6.8	8.6	6.0	3.3	8.3	4.4	5.3	8.7	5.4	22
23	6.2 B	4.7	23.5	6.9	6.9	4.4	3.3	8.5	4.0	5.5	9.0	5.8	23
24	7.0 B	4.7	17.1	9.1	6.6 E	4.7	3.5	5.1	4.1	5.0	10.5	5.5 B	24
25	7.7	4.8	20.7	8.2	5.8	4.7	3.4	4.9	4.1	4.9	8.5	7.1 B	25
26	7.4	5.1	37.9	7.8	5.4	13.5	3.2	3.7	3.8	5.1	7.1	7.6	26
27	5.5	5.4	41.4	6.9	5.3	7.6	3.5	3.5	3.9	5.1 E	7.3	6.4 B	27
28	5.5	5.1	35.6	6.3	5.2	8.1	3.5	3.2	4.0	5.1 E	22.6	6.4 B	28
29	5.8	4.8	28.1	6.0	12.2	6.0	3.2	3.2	4.2	5.1	34.8	5.3 B	29
30	10.7		20.2	6.7	10.0	5.2	3.2	3.2	4.3	4.9	13.2	4.9	30
31	10.5		18.1		7.3		3.4	3.2		4.6		5.0	31
TOTAL	196.2	423.8	825.3	304.2	259.0	157.3	113.2	127.4	169.5	161.3	249.8	260.1	TOTAL
MEAN	6.32	14.61	26.62	10.14	8.35	5.24	3.65	4.1	5.65	5.2	8.32	8.39	MEAN
AC-FT	389.16	840.6	1636.98	603.38	513.72	312.0	224.53	252.69	336.2	319.93	495.47	515.9	AC-FT
MAX	10.7	92.0	103.0	28.1	18.1	13.5	4.6	8.5	27.8	9.4	34.8	17.6	MAX
MIN	4.5	4.7	4.7	6.0	5.2	3.6	3.2	2.9	3.2	4.0	4.2	4.8	MIN

SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 8.9 CFS
TOTAL DISCHARGE, 6440 AC-FT
MAXIMUM DAILY DISCHARGE, 103 CFS
MINIMUM DAILY DISCHARGE, 2.9 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 3, ABOUT
0.5 MILE WEST OF THE COMMUNITY OF ENNISKILLEN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 7.9 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

BOWMANVILLE CREEK NEAR ENNISKILLEN - STATION NO. 02HD212

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.1	17.6	4.6	8.1	9.3	5.7	5.6	8.6	3.6	5.9	4.8 E	5.3	01
02	4.8 B	10.3	4.7	39.9	8.7	8.3	4.4	7.5	3.7	4.7	19.0	5.8 B	02
03	4.7 B	8.4	4.9	16.2	10.0	10.5	5.2	5.7	3.5	4.6	11.9	5.7	03
04	4.6	7.5 B	3.7 B	13.5	8.6	7.5	4.9	4.7	3.5	4.3	7.2	5.4	04
05	4.6 B	6.8 B	7.4 B	26.8	8.3	7.1	5.3	4.3	3.6	4.5	6.1	5.2	05
06	5.0 B	5.5 B	4.5 B	16.9	6.9	6.8	5.0	4.0	3.8	4.8	5.7	5.1	06
07	4.7 B	4.9 B	4.1 B	14.1	7.2	6.0	4.1	4.0	3.9	4.8	5.7	5.2	07
08	4.7 B	4.9 B	4.0 B	12.9	12.1	5.7 E	3.8	4.3	3.5	4.9	5.5	7.1	08
09	4.7 B	4.7 B	4.3 B	11.0	13.0	5.7 E	3.7	4.1	3.6	4.5 E	4.6	6.5	09
10	4.4	4.7 B	4.2 B	17.9	13.6	5.2	3.7	3.7	3.6	4.6	4.6	6.0	10
11	4.5	4.4	4.1 B	12.9	16.2	4.9	6.6 E	3.7	4.1	4.6	4.8	13.3	11
12	4.3	4.4	4.0	10.2	12.5	4.7	6.6 E	3.7	3.7	4.7	5.8	5.2	12
13	4.3	4.2 B	4.0	9.7	11.2	5.4	3.3 E	3.6	3.4	4.8	5.4	7.6	13
14	4.2	4.4	4.1	7.7	10.1	4.5	3.3 E	3.5	3.5 E	5.9	10.3	6.9	14
15	4.2	4.7	4.8	7.3	8.0	5.1	3.3 E	3.8	3.7	5.1	9.0	6.2	15
16	4.1	4.5	5.8	8.9	7.1	5.7	3.5 E	6.1	3.7	6.7	6.4	6.4 B	16
17	4.2	3.9	20.5	10.9	7.0	5.0	3.5 E	8.2	3.8	6.1	6.3	5.4	17
18	7.2	3.7	76.3	40.3	16.3	6.0	3.8 E	5.1	3.2	5.4	8.3	5.7	18
19	9.9	3.6	52.0	22.7	32.0	6.6	3.8 E	6.9	3.2	5.5	13.2	5.7	19
20	6.4	3.7	34.2	12.1	13.3	5.4	3.8 E	4.0	3.1	12.1	11.9	5.9 B	20
21	5.1	4.2	89.5	10.2	10.6	4.9	3.8 E	3.4	3.3	8.0	7.0	5.6	21
22	4.8	4.5	25.7	10.7	9.2	4.8	3.8 E	3.4	3.3	6.1	6.0	5.8 B	22
23	4.9	4.7	23.4	18.0	8.0	5.8	3.8 E	3.5	3.6	6.3	6.3	5.6 B	23
24	31.1	4.4	28.5	15.4	7.8	6.3	4.3 E	3.4	3.9	5.4	6.1	5.7 B	24
25	32.3 B	4.4	45.4	11.0	7.4	5.6	12.3	3.4	3.9	5.4	5.9	5.8 B	25
26	15.0 B	4.4	21.6	9.6	6.6	5.2	7.6	3.4	4.0	5.2	5.8	5.9 B	26
27	10.0 B	4.4	14.5	9.3	6.2	4.9	5.8	3.4	4.1	5.2	5.7	6.0 B	27
28	7.2 B	4.4	13.5	13.9	6.1	4.3	13.7	3.5	3.8	5.1	5.4	5.8 B	28
29	5.4 B		17.1	14.6	5.7	4.3	7.4	3.4	3.9	5.0	5.4	5.6 B	29
30	19.7		11.4	10.9	5.6	5.1	5.5	4.2	4.1	4.8	5.6	5.5 E	30
31	71.1		10.9		5.4		4.7	3.7		4.5 E		5.3 E	31
TOTAL	307.2	152.2	557.7	443.6	310.0	173.0	159.9	138.2	109.6	168.5	215.7	192.4	TOTAL
MEAN	9.9	5.43	17.99	14.78	10.0	5.76	5.15	4.45	3.65	5.43	7.14	6.2	MEAN
AC-FT	609.33	301.88	1106.19	879.83	614.88	343.14	317.16	274.11	217.39	334.21	427.84	381.62	AC-FT
MAX	71.1	17.6	89.5	40.3	32.0	10.5	13.7	8.6	4.1	12.1	19.0	13.3	MAX
MIN	4.1	3.6	3.7	7.3	5.4	4.3	3.3	3.4	3.1	4.3	4.6	5.1	MIN

SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 8.0 CFS
TOTAL DISCHARGE, 5810 AC-FT
MAXIMUM DAILY DISCHARGE, 89.5 CFS
MINIMUM DAILY DISCHARGE, 3.1 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 3, ABOUT
0.5 MILE WEST OF THE COMMUNITY OF ENNISKILLEN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 7.9 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

BOWMANVILLE CREEK NEAR ENNISKILLEN - STATION NO. 02HD212

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.0 E	4.6	3.5	13.2	8.0	4.4	3.6	3.8	3.7	3.8	8.8	6.0	01
02	5.0 E	5.9	3.5	28.0	8.0	4.2	3.9	3.3	3.2	3.9	6.2	5.8	02
03	5.0 E	22.3	3.7	28.5	6.7	4.1	3.9	3.3	3.4	4.2	5.5	5.6	03
04	5.0 E	11.8	4.9	24.4	6.2	4.1	4.2	3.2	3.9	4.3	5.1	8.0	04
05	5.2 E	5.8 B	6.9	24.1	6.4	3.9	4.0	3.2	3.8	4.5	4.8	6.3	05
06	5.1 E	4.7	7.0	30.2	6.6	3.9	3.5	3.1	3.5	3.8	4.6	6.5 B	06
07	5.2 E	4.5	6.6	46.1	6.1	3.8	3.4	3.2	3.3	3.6	4.4	11.2 B	07
08	5.1 E	4.3	6.8 B	65.9	8.1	3.8	3.3	3.1	4.5	3.6	4.3	5.4	08
09	4.7 E	4.2	5.8 B	68.0	7.3	3.7	3.4	3.1	4.5	3.7	4.5	12.9	09
10	4.6 E	4.4	5.4 B	33.4	6.6	3.9	4.8	3.3	3.9	3.8	6.0	12.8	10
11	4.7 E	4.6 B	4.9	15.7	6.4	4.0	4.5	3.1	3.6	3.9	6.8	7.8	11
12	4.7 E	4.6 B	4.7	15.1	5.8	3.6	3.9	3.9	3.8	4.2	6.6	6.0 B	12
13	4.5 E	4.8 B	4.8	14.3	5.6	3.5	3.4	3.1	3.5	4.5	5.7	6.3	13
14	4.7 B	4.8 B	5.0	19.2	5.5	3.6	4.1	3.4	3.6	4.8	5.1	6.2	14
15	4.7 B	4.6 B	4.6	16.4	6.3	3.7	4.3	3.3	3.6	4.5	5.1	6.0 B	15
16	4.4 B	4.2	4.7 B	14.2	10.2	3.6	4.1	3.3	4.1	4.1	5.0	6.0 B	16
17	4.3 B	4.0	4.7 B	13.4	12.0	4.5	3.8	3.2	3.7	4.5	5.1	6.2 B	17
18	4.3 B	4.0	5.7	13.2	7.5	4.3	3.6	3.1	4.3	4.2	5.2	6.0	18
19	4.3 B	4.1 B	9.7	11.1	6.2	4.0	3.5	3.8	3.9	3.8	5.5	6.1	19
20	5.1 B	4.0 B	15.7	30.3	5.3	3.7	10.0	3.7	3.8	3.8	12.9	6.2	20
21	4.5 B	3.9 B	17.0	22.0	4.9	3.7	6.3	3.3	3.9	6.4	11.2	5.9 B	21
22	4.5 B	3.8	21.7	15.6	5.7	3.6	4.2	3.2	3.6	9.0	8.1	6.4 B	22
23	4.5 B	3.9 B	23.3	12.9	5.9	3.4	3.7	3.2	3.4	6.1	6.5	6.0 B	23
24	4.5 B	3.8	23.3	14.7	4.9	3.4	3.5	3.1	3.7	4.7	5.6	5.7 B	24
25	4.4 B	3.8 B	27.6	16.1	5.0	3.5	3.5	3.1	7.7	4.3	5.3	5.6	25
26	4.3 B	3.7 B	35.8	11.8	6.2	3.5	3.5	3.1	6.0	4.2	5.5	5.6	26
27	4.0 B	3.7 B	34.1	9.7	5.2	5.1	3.6	3.1	6.7	4.1	6.4	5.5	27
28	4.2 B	3.6	23.3	8.1	4.8	3.9	3.5	3.1	4.3	4.0	10.0	5.4 B	28
29	5.8 B		18.2 B	7.1	4.5	3.9	3.5	3.1	3.9	4.7	7.8	5.3 B	29
30	5.4 B		14.7 B	7.3	4.3	3.7	3.4	4.0	4.0	6.4	7.0	5.2 B	30
31	4.9 B		11.7 B		4.1		3.5	4.1		13.5		5.3 B	31
TOTAL	146.6	146.4	369.3	650.0	196.3	116.0	125.4	103.9	122.8	148.9	190.6	205.2	TOTAL
MEAN	4.72	5.22	11.91	21.66	6.33	3.86	4.04	3.35	4.09	4.8	6.35	6.61	MEAN
AC-FT	290.78	290.38	732.5	1289.27	389.36	230.08	248.73	206.08	243.57	295.34	378.05	407.01	AC-FT
MAX	5.8	22.3	35.8	68.0	12.0	5.1	10.0	4.1	7.7	13.5	12.9	12.9	MAX
MIN	4.0	3.6	3.5	7.1	4.1	3.4	3.3	3.1	3.2	3.6	4.3	5.2	MIN

SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 6.9 CFS
TOTAL DISCHARGE, 5000 AC-FT
MAXIMUM DAILY DISCHARGE, 68.0 CFS
MINIMUM DAILY DISCHARGE, 3.1 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 3, ABOUT
0.5 MILE WEST OF THE COMMUNITY OF ENNISKILLEN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 7.9 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

BOWMANVILLE CREEK NEAR ENNISKILLEN - STATION NO. 02HD212

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.3	4.7 B	11.8 B	11.7	8.5	4.0	5.6	3.9	3.5	3.2	3.0 E	4.5 E	01
02	5.2	4.7 B	8.9 B	43.5	11.0	4.6	5.1	3.8	3.9 E	3.1	4.5 E	4.3 E	02
03	5.2	4.7 B	9.7 B	38.3	8.8	6.2	3.7	3.7	3.6	3.9 E	3.2 E	4.3 E	03
04	5.9	4.7 B	7.3 B	23.9	7.5	5.0	3.9	3.9	3.6	3.9 E	3.3 E	4.2 E	04
05	8.1	5.8 B	7.3 B	20.4	6.8	4.5	4.3	3.5	5.0	3.1	3.4 E	4.5 E	05
06	6.5 B	5.7 B	6.6	24.3	6.1	4.3	58.7	3.4	5.4	3.1	3.5 E	8.2 E	06
07	6.9 B	5.4 B	6.9	35.0	5.8	4.2	10.8	3.4	4.8	3.1	4.3 E	11.3 E	07
08	5.7 B	5.1 B	6.3 B	35.8	6.0	4.8	6.5	3.3	4.0	3.1	3.8 E	8.5 E	08
09	5.6	5.1 B	6.5 B	42.5	6.5	4.6	5.5	3.3	3.6	4.3	6.2 E	13.4 E	09
10	5.6	5.0 B	5.9 B	51.3	5.9	4.1	4.7	3.7	3.9 E	7.7 E	4.1 E	22.3 E	10
11	5.7	5.0 B	5.7 B	45.5	5.2	3.9	4.7	4.1	3.5	5.0 E	4.3 E	19.1 E	11
12	6.6 B	5.0 B	5.4	45.5	5.4	3.9	4.2	3.9 E	3.5	5.0 E	4.3 E	9.4 E	12
13	6.1 B	4.9 B	5.4	59.4	5.5	7.2	4.8	3.5	4.0	4.3 E	5.0 E	6.5 E	13
14	5.8	4.9 B	5.5	38.0	5.1	5.7	4.6	3.4	3.9	3.9 E	4.2 E	7.0 E	14
15	5.6 B	4.8 B	8.0	27.4	4.8	4.4	4.4	3.6	3.4	4.8 E	4.1 E	19.3 E	15
16	5.4 B	4.8 B	15.3	27.0	5.1	4.2	4.1	3.3	4.1 E	4.5 E	3.7 E	19.4 E	16
17	5.4 B	4.7 B	12.0 B	25.7	4.9	4.0	5.1	2.9	3.9	4.5 E	3.6 E	10.6 E	17
18	5.3 B	4.8 B	8.9 B	24.7	4.6	3.8	4.2	2.9	3.6	4.5 E	3.7 E	6.8 E	18
19	5.3 B	4.9	9.4 B	24.3	4.6	3.8	4.1	3.1	3.6	3.2 E	7.1 E	6.2 E	19
20	5.2 B	6.0	8.6	20.8	5.1	3.8	4.1	3.2	10.3	3.4 E	7.5 E	8.3 E	20
21	5.2 B	7.0	7.3	18.0	4.9	4.0	3.9	3.2	7.6	3.4 E	8.1 E	8.2 E	21
22	5.1 B	6.1	6.7	16.5	4.7	3.6	4.0	3.5	4.1	3.2 E	5.2 E	6.9 E	22
23	5.1 B	7.6	6.2 B	14.8	4.6	3.5	5.0	3.7	3.3 E	3.3 E	3.8 E	6.4 E	23
24	5.1 B	6.9	6.9 B	12.0	4.4	3.7	4.3	3.6	3.5	5.3 E	3.7 E	9.7 E	24
25	5.1 B	6.3	11.2 B	11.2	5.4	5.2	4.3	3.5	3.3	8.6 E	4.6 E	9.4 E	25
26	5.5 B	6.8	11.8 B	10.7	5.2	5.1	6.2	4.1	3.3	5.5 E	4.4 E	7.4 E	26
27	5.5 B	12.0	6.0	9.8	5.7	4.6	5.8	8.2	3.3	5.3 E	6.1 E	6.6 E	27
28	5.1 B	14.5	6.2	10.1	5.1	85.0	4.4	6.0	3.4	5.0 E	7.0 E	7.1 E	28
29	4.8 B		6.1	11.0	4.6	10.7	4.4	5.3	3.5	3.0 E	5.9 E	6.3 E	29
30	4.8 B		6.3	9.5	4.3	7.2	4.4	4.0	3.3	3.1 E	5.3 E	5.8 E	30
31	4.8 B		7.8		4.1		4.1	3.9		4.3 E		6.1 E	31
TOTAL	172.5	167.9	243.9	788.6	170.2	223.6	203.9	120.6	124.1	131.6	140.9	278.0	TOTAL
MEAN	5.56	5.99	7.86	26.28	5.68	7.45	6.57	3.89	4.13	4.24	4.69	8.96	MEAN
AC-FT	342.15	333.02	483.77	1564.18	349.49	443.51	404.43	239.21	246.15	261.02	279.47	551.41	AC-FT
MAX	8.1	14.5	15.3	59.4	11.0	85.0	58.7	8.2	10.3	8.6	6.1	22.3	MAX
MIN	4.8	4.7	5.4	9.5	4.1	3.5	3.7	2.9	3.3	3.0	3.0	4.2	MIN

SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 7.6 CFS
TOTAL DISCHARGE, 5500 AC-FT
MAXIMUM DAILY DISCHARGE, 85.0 CFS
MINIMUM DAILY DISCHARGE, 2.9 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 3, ABOUT
0.5 MILE WEST OF THE COMMUNITY OF ENNISKILLEN.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 7.9 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.3 E	5.1 E	6.0 E	13.7 E	22.5 E	6.6 E	5.2 E	3.3 E	4.2 E	4.9 E	6.5 E	9.0 E	01
02	6.0 E	4.7 E	8.3 E	16.2 E	27.5 E	6.4 E	4.3 E	4.3 E	5.4 E	4.4 E	9.1 E	7.5 E	02
03	6.0 E	5.4 E	6.9 E	21.8 E	37.0 E	5.3 E	4.7 E	5.6 E	3.5 E	3.7 E	9.3 E	8.1 E	03
04	6.3 E	5.8 E	6.6 E	24.3 E	22.5 E	5.5 E	4.5 E	5.4 E	3.4 E	3.6 E	7.1 E	6.6 E	04
05	6.0 E	5.7 E	6.2 E	16.3 E	19.4 E	5.1 E	4.2 E	4.6 E	3.3 E	3.6 E	7.2 E	7.0 E	05
06	5.8 E	5.7 E	5.9 E	13.5 E	20.4 E	5.1 E	4.3 E	4.5 E	3.4 E	4.4 E	7.1 E	21.3 E	06
07	5.0 E	5.6 E	6.6 E	11.4 E	20.1 E	4.9 E	4.0 E	6.1 E	3.7 E	5.6 E	4.6 E	13.3 E	07
08	5.1 E	5.5 E	7.9 E	10.0 E	17.0 E	5.0 E	3.8 E	6.7 E	6.7 E	4.3 E	19.2 E	9.5 E	08
09	6.1 E	5.5 E	5.6 E	11.6 E	14.4 E	5.7 E	3.9 E	7.4 E	4.8 E	4.2 E	13.9 E	9.5 E	09
10	7.6 E	5.4 E	4.5 E	18.6 E	12.8 E	4.8 E	4.3 E	5.7 E	4.3 E	3.8 E	9.5 E	9.0 E	10
11	6.6 E	5.2 E	4.2 E	52.4 E	12.0 E	4.6 E	3.9 E	4.9 E	3.9 E	3.8 E	6.7 E	9.0 E	11
12	5.9 E	4.9 E	4.8 E	79.6 E	11.6 E	4.7 E	3.8 E	5.0 E	3.9 E	4.2 E	6.0 E	10.0 E	12
13	5.0 E	5.6 E	5.3 E	119.0 E	10.8 E	4.9 E	4.0 E	4.8 E	4.0 E	4.3 E	7.3 E	63.4 E	13
14	5.4 E	8.9 E	5.2 E	95.8 E	14.4 E	5.0 E	4.5 E	4.8 E	4.0 E	4.1 E	7.1 E	19.6 E	14
15	5.1 E	6.8 E	5.1 E	68.7 E	19.2 E	5.0 E	5.7 E	4.7 E	3.8 E	4.3 E	7.1 E	12.9 E	15
16	5.0 E	5.9 E	5.0 E	57.9 E	15.3 E	4.5 E	6.9 E	4.6 E	3.8 E	4.3 E	7.1 E	11.5 E	16
17	4.9 E	5.2 E	8.1 E	68.7 E	14.5 E	4.6 E	4.6 E	4.9 E	3.8 E	4.5 E	7.4 E	10.1 E	17
18	4.9 E	5.0 E	8.5 E	54.1 E	12.3 E	4.2 E	4.2 E	4.7 E	3.7 E	4.8 E	7.5 E	9.5 E	18
19	8.1 E	5.2 E	6.4 E	43.4 E	10.5 E	4.2 E	4.0 E	4.5 E	3.8 E	4.9 E	7.3 E	9.5 E	19
20	7.0 E	5.1 E	5.6 E	39.4 E	9.4 E	4.3 E	4.0 E	4.2 E	3.8 E	4.5 E	7.9 E	9.2 E	20
21	5.8 E	5.2 E	5.5 E	36.1 E	8.0 E	7.8 E	3.8 E	4.3 E	3.8 E	4.6 E	6.0 E	8.9 E	21
22	6.4 E	5.3 E	11.3 E	43.3 E	7.6 E	10.5 E	4.0 E	4.3 E	3.6 E	6.0 E	5.9 E	8.9 E	22
23	16.7 E	5.3 E	16.2 E	47.3 E	7.0 E	12.0 E	5.7 E	5.9 E	3.5 E	20.6 E	5.6 E	8.9 E	23
24	10.8 E	5.3 E	13.0 E	43.2 E	6.6 E	15.4 E	4.5 E	5.5 E	3.7 E	11.9 E	5.9 E	9.1 E	24
25	12.3 E	5.2 E	9.1 E	38.5 E	6.3 E	7.6 E	4.7 E	4.8 E	3.6 E	7.6 E	6.2 E	9.3 E	25
26	9.8 E	5.3 E	7.6 E	34.3 E	6.0 E	6.3 E	4.0 E	4.6 E	4.9 E	6.1 E	12.9 E	9.6 E	26
27	7.9 E	5.3 E	6.8 E	31.3 E	5.8 E	5.9 E	3.6 E	11.6 E	4.1 E	6.0 E	12.2 E	9.5 E	27
28	6.9 E	5.4 E	6.7 E	29.0 E	5.6 E	5.1 E	3.6 E	5.3 E	3.8 E	6.5 E	9.1 E	9.1 E	28
29	6.0 E	5.5 E	7.3 E	28.0 E	5.5 E	4.6 E	3.4 E	4.4 E	4.4 E	11.7 E	8.0 E	8.0 E	29
30	5.6 E		9.4 E	24.2 E	6.5 E	5.9 E	3.3 E	4.3 E	9.1 E	8.5 E	7.6 E	8.7 E	30
31	5.2 E		11.1 E		7.5 E		3.3 E	4.0 E		6.6 E		21.5 E	31
TOTAL	214.3	160.0	226.7	1191.6	417.2	181.5	132.9	159.7	125.7	182.5	249.1	378.8	TOTAL
MEAN	6.91	5.51	7.31	39.72	13.45	6.05	4.28	5.15	4.19	5.88	8.3	12.21	MEAN
AC-FT	425.06	317.36	449.65	2363.53	827.51	300.0	263.6	316.76	249.32	361.98	494.08	751.34	AC-FT
MAX	16.7	8.9	16.2	119.0	37.0	15.4	6.9	11.6	9.1	20.6	19.2	63.4	MAX
MIN	4.9	4.7	4.2	10.0	5.5	4.2	3.3	3.3	3.3	3.6	4.8	6.8	MIN

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 9.8 CFS
 TOTAL DISCHARGE, 7180 AC-FT
 MAXIMUM DAILY DISCHARGE, 119 CFS
 MINIMUM DAILY DISCHARGE, 3.3 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 3, ABOUT
 0.5 MILE WEST OF THE COMMUNITY OF ENNISKILLEN.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 7.9 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.
 STATION DISCONTINUED DECEMBER 1972.

B - ICE CONDITIONS
 E - ESTIMATED
 NATURAL FLOW

BOWMANVILLE CREEK (TYRONE TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD213

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01				7.9	4.6	5.7	5.3	6.0	5.0	4.3	6.4	16.7	01
02				8.1	5.6	5.8	5.4	4.0	4.5	2.8	7.7	18.3 B	02
03				11.7	6.1	4.9	3.9	4.1	4.8	5.2	13.6	21.2 B	03
04				6.7	6.2	5.5	5.3	4.8	7.7	5.6	6.1	20.2 B	04
05				6.1	5.5	5.8	4.1	4.6	4.6	5.7	4.4	27.3 B	05
06				7.8	5.9	6.5	5.6	5.9	5.5	4.5	5.7	72.2	06
07				8.6	5.9	5.3	5.2	3.4	5.6	4.8	5.7	86.3	07
08				8.5	4.4	6.1	3.5	6.6	4.0	6.1	7.6	33.5	08
09				8.6	5.7	7.1	4.9	3.3	4.3	3.8	10.4	12.1	09
10				6.9	4.6	11.8	3.7	5.5	2.6	8.3	26.3 E	38.5	10
11				7.8	4.5	6.1	3.6	4.9	4.1	5.1	11.6 E	20.4	11
12				7.1	5.2	5.0	6.8	4.7	5.2	5.3	9.8 E	5.8	12
13				7.0	6.2	6.1	4.6	6.0	4.1	6.0	8.9 E	10.2	13
14				7.1	5.4	7.2	2.9	3.3	4.9	6.3	7.9 E	6.8	14
15				6.3	4.3	8.1	3.4	5.4	3.8	5.9	6.1 E	7.5	15
16				6.0	5.7	8.2	4.5	6.7	4.7	9.0	4.8 E	7.2	16
17				5.6	5.4	6.9	4.0	5.0	5.1	6.8	4.1 E	7.2	17
18				6.8	5.4	8.1	4.8	3.4	3.9	6.1	6.5	8.5	18
19				5.6	13.2	4.0	3.6	4.7	5.5	5.5	4.9	7.9 B	19
20				8.8	7.4	6.4	5.7	5.0	5.7	7.0	6.9	7.6 B	20
21				7.9	7.5	5.2	4.4	4.1	4.3	5.7	5.1	7.1 B	21
22				7.1	5.5	4.7	5.3	7.0	9.0	6.1	5.4	4.0 B	22
23				7.1	4.5	4.8	4.9	7.3	6.2	4.4	5.8	10.7 B	23
24			10.9	5.0	6.3	5.3	2.5	4.8	5.4	5.6	6.2	8.2 B	24
25			8.3	6.7	5.7	4.0	4.2	5.9	5.9	6.2	14.1	6.3 B	25
26			7.2	5.4	5.0	3.7	5.0	6.6	4.8	5.5	8.9	8.5 B	26
27			8.6	5.9	5.9	8.1	4.8	4.1	3.3	6.0	5.4	8.2 B	27
28			14.2	7.8	5.0	7.3	3.9	4.8	5.9	4.9	28.1	7.6 B	28
29			8.5	6.3	4.6	4.9	5.7	5.0	4.3	23.6	20.7	7.9 B	29
30			10.7	5.9	6.4	3.8	3.9	8.4	9.5	5.7		8.5 B	30
31			7.9		5.1		4.0	5.8		4.0		6.3 B	31
TOTAL				214.1	178.7	182.4	139.4	161.1	154.9	172.5	279.7	523.7	TOTAL
MEAN				7.13	5.76	6.08	4.49	5.19	5.16	5.56	9.32	16.69	MEAN
AC-FT				424.66	354.45	361.79	276.49	319.54	307.24	342.15	554.78	1036.75	AC-FT
MAX				11.7	13.2	11.8	6.8	8.4	9.5	9.0	28.1	86.3	MAX
MIN				5.0	4.3	3.7	2.5	3.3	2.6	2.8	4.1	5.8	MIN

SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, CFS
 TOTAL DISCHARGE, AC-FT
 MAXIMUM DAILY DISCHARGE, 86.3 CFS
 MINIMUM DAILY DISCHARGE, 2.5 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 57, ABOUT
 0.75 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 4.0 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED
 REGULATED

BOWMANVILLE CREEK (TYRONE TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD213

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.3 B	7.9 B	8.8 B	27.4	7.9		7.2	8.6	6.0	5.8	6.9	8.8 B	01
02	6.3 B	8.8 B	8.5 B	25.6	13.4		15.0	8.2	5.7	7.3	25.7	8.8 B	02
03	10.7 B	8.8 B	7.1 B	46.0	10.8		6.0	8.1	5.3	7.1 E	11.4	8.2 B	03
04	10.0 B	12.2 B	7.4 B	8.1	8.2		6.4	8.2	5.8	6.8 E	9.0	8.8 B	04
05	9.0 B	11.8 B	9.8	9.5	8.2		6.4	7.3	5.8	6.6 E	6.7	10.3	05
06	12.9 B	9.3 B	9.3 B	19.5	8.6		5.2	7.7	6.4	6.3 E	7.0	8.2	06
07	10.0 B	19.3 B	7.9 B	17.5	9.1		9.1	7.6	6.2	6.6 E	8.4	8.3	07
08	10.0 B	12.9 B	9.3 B	11.6			6.7	10.0	6.1	6.8 E	7.4	10.2	08
09	11.8 B	14.1 B	7.9 B	11.5			8.9	8.4	6.8	7.6 E	8.2	7.2	09
10	9.6 B	12.9 B	10.3 B	23.7		17.1	13.1	12.4	5.7	6.8 E	7.6	7.6 B	10
11	11.8 B	8.5 B	29.9	8.3		11.4	7.3	7.2	6.5	6.8 E	10.0	6.8 B	11
12	9.6 B	6.8 B	48.3 B	7.3		5.5	7.3	6.1	6.1	6.6 E	21.3	16.4	12
13	8.8 B	7.1 B	49.1 B	9.8		7.6	7.7	6.2	6.2	6.6 E	14.7	14.0	13
14	5.6 B	8.5 B	45.7 B	11.9		6.5	7.1	7.3	6.0	6.2	7.4	8.7	14
15	5.9 B	13.3 B	29.1 B	22.2		8.0	6.9	5.8	6.9	6.2	13.9	8.9	15
16	6.1 B	6.8 B	17.4 B	18.8		6.9	6.5	7.4	6.4	15.7	24.9	8.2	16
17	6.8 B	6.1 B	10.3 B	9.9		8.6	7.4	6.2	5.9	10.3	12.4	7.3	17
18	5.2 B	7.1 B	8.8 B	13.4		8.4	6.8	6.8	6.4	18.6	14.3	9.8	18
19	6.3 B	7.1 B	11.1	10.0		6.6	7.9	6.7	6.5	22.7	11.8	16.0	19
20	7.6 B	7.8	24.0	8.9		7.1	6.2	7.0	6.1	8.7	7.9	9.3	20
21	6.8 B	8.1	24.7	9.8		6.2	6.7	8.2	7.4	7.2	7.6	15.9	21
22	20.2 B	7.8	18.3	24.4		20.2	7.6	7.3	14.1	5.5	8.9	53.4	22
23	17.4 B	8.6	17.1	11.1		10.4	7.6	5.3	6.2	17.5	13.0	8.8	23
24	39.1 B	7.8	15.4	9.8		7.8	9.4	6.8	5.1	5.1	9.4	7.9 B	24
25	40.6 B	7.7	33.5	9.4		10.6	8.5	6.8	7.1	5.6	8.1	8.5 B	25
26	15.4 B	9.1	42.2 B	7.6		7.9	7.1	6.4	6.6	6.2	9.1	7.9 B	26
27	7.6 B	8.2 B	38.4 B	7.6		7.1	8.9	6.3	8.5	7.7	7.5	7.4 B	27
28	8.2 B	8.2 B	85.3 B	8.4		6.3	13.2	7.4	17.8	12.0	6.5	7.6 B	28
29	9.3 B		38.7	6.9		7.4	8.9	6.8	24.7	5.3	8.1	7.9 B	29
30	5.9 B		22.3	7.0		9.8	5.7	7.3	7.6	6.8	8.3	7.1 B	30
31	6.8 B		23.8				9.1	10.0		6.3		7.4 B	31
TOTAL	347.6	262.6	719.7	422.9			247.8	231.8	227.9	261.3	321.4	333.6	TOTAL
MEAN	11.21	9.37	23.21	14.09			7.99	7.47	7.59	8.42	10.71	10.76	MEAN
AC-FT	689.46	520.86	1427.52	838.82			491.51	459.77	452.03	518.28	637.49	661.69	AC-FT
MAX	40.6	19.3	85.3	46.0			15.0	12.4	24.7	22.7	25.7	53.4	MAX
MIN	5.2	6.1	7.1	6.9			5.2	5.3	5.1	5.1	6.4	7.1	MIN

SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 85.3 CFS
MINIMUM DAILY DISCHARGE, 5.1 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 57, ABOUT
0.75 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 4.0 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

BOWMANVILLE CREEK (TYRONE TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD213

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	7.6 B	82.9	9.6 B	19.5	9.4	7.0	5.0	7.1	4.8	57.9		9.6 E	01
02	8.5 B	506.0	10.3 B	13.4	10.8	5.9	4.3	5.2	14.0	47.3		8.4	02
03	7.9 B	223.0	7.9 B	12.1	9.3	6.9	4.3	5.6	7.1	82.3		11.6	03
04	7.4 B	7.9 B	8.8 B	18.3	9.2	5.7	4.8	3.9	4.7	58.1		20.7	04
05	8.5 B	20.7 B	7.4 B	17.6	6.9	5.1	7.3	4.5	9.4	46.4		18.1	05
06	9.0 B	12.6 B	10.7 B	10.9	7.8	6.3	4.3	8.1	61.9	46.4		10.0	06
07	8.8 E	11.9	8.2 B	13.9	8.2	5.3	3.7	5.7	7.1	61.1		8.0	07
08	8.5 E	11.7	9.0 B	12.8	7.1	5.1	3.6	6.2	5.9	59.4		7.9	08
09	7.9 E	11.5	8.2 B	11.8	9.7	5.5	4.7	10.9	8.5	52.5		5.3 B	09
10	7.6 E	6.8 B	7.6 B	11.2	15.0	5.9	5.1	5.5	8.2	56.6		8.2 B	10
11	7.4 E	7.2	12.6 B	11.4	7.2	5.5	4.6	5.1	13.5	62.7		10.4 B	11
12	6.8 E	6.8 B	9.0 B	10.7	14.5	6.2	6.2	5.4	10.4	65.1		7.3 B	12
13	10.7 E	8.7	11.8 B	12.1	9.2	5.3	4.5	7.8	6.0	53.6		16.0 B	13
14	9.0 E	6.8 B	9.0 B	11.5	7.1	4.3	5.7	6.0	3.5	59.4		14.5	14
15	6.8 B	8.2 B	7.6 B	15.7	9.7	5.1	5.0	6.3	3.9	53.8	9.3	8.6 B	15
16	7.6 B	8.8 B	311.0	9.4	16.6	4.3	4.8	6.6	5.2	13.7	12.6	11.0 B	16
17	7.1 B	7.1 B	478.0	10.4	17.1	5.4	5.7	9.1	5.6	11.4	5.0	10.0 B	17
18	6.3 B	6.8 B	370.0	10.8	8.7	5.0	4.9	6.4	4.7	9.1	9.5	5.3 B	18
19	8.5	7.1 B	197.0	11.1	11.2	4.5	5.4	7.9	5.3	12.9	9.8	4.2 B	19
20	8.6	7.1 B	32.7	10.3	24.4	4.5	5.3	7.4	4.6	5.9	8.4	5.3 B	20
21	7.1	9.6 B	20.6	10.1	8.2	7.2	4.2	7.2	4.4	6.5	7.5	9.6 B	21
22	7.4	7.6 B	14.4	11.4	7.7	5.2	6.8	18.0	4.6	7.0	8.7	8.9 B	22
23	9.3	7.1 B	13.0	11.2	7.2	5.7	6.1	23.4	6.6	6.9	10.1	8.9 B	23
24	7.4	7.1 B	14.1	11.4	8.0	6.8	4.7	5.8	33.4	5.8	12.2 E	5.9 B	24
25	7.0	6.1 B	17.2	11.7	6.4	6.0	4.4	5.1	33.9	6.2	10.0 E	7.3 B	25
26	6.9	12.6 B	18.2	10.0	6.2	13.3	4.8	6.8	70.2	6.9	8.2 E	7.9 B	26
27	9.5	8.5 B	28.0	7.9	7.4	6.5	4.8	5.4	49.4	5.0	8.2 E	7.0 B	27
28	6.3	8.8 B	24.7	7.9	6.0	6.3	4.5	5.6	63.0	6.8	18.9 E	6.4	28
29	7.6	8.8 B	23.3	8.2	13.8	5.6	5.0	8.8	37.5	4.9	25.6 E	8.2 B	29
30	43.0		24.5	7.5	10.5	4.6	5.9	6.3	65.8	5.3	11.1 E	8.2 B	30
31	51.4		22.9		6.6		7.3	6.7		7.6		6.5 B	31
TOTAL	323.4	1045.8	1747.3	352.2	307.1	176.0	157.7	229.8	563.1	984.5		285.3	TOTAL
MEAN	10.43	36.06	56.36	11.74	9.9	5.86	5.08	7.41	18.77	31.75		9.2	MEAN
AC-FT	641.46	2074.34	3465.76	698.58	609.13	349.09	312.79	455.8	1116.9	1952.75		565.89	AC-FT
MAX	51.4	506.0	478.0	19.5	24.4	13.3	7.3	23.4	70.2	82.3		20.7	MAX
MIN	6.3	6.1	7.4	7.5	6.0	4.3	3.6	3.9	3.5	4.9		4.2	MIN

SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 506.0 CFS
MINIMUM DAILY DISCHARGE, 3.5 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 57, ABOUT
0.75 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 4.0 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.9 B	92.3	7.4	7.4	8.4	6.5 E	8.0	9.6	5.7	4.9	6.0	7.3	01
02	6.8 B	15.2	7.1	33.6	6.1	7.9 E	6.6	13.0	7.1	6.4	21.4	7.5	02
03	6.2 B	11.1 B	7.9	10.6	8.0	8.9 E	6.3	9.0	6.4	6.6	10.2	5.3 B	03
04	4.8 B	10.0	8.0	10.4	5.8	7.9	6.8	7.2	5.5	6.1	7.3	6.5 B	04
05	6.8 B	7.3 B	7.0 B	28.7	7.3	6.7	6.6	4.4	6.2	4.8	7.8	8.9 B	05
06	6.2 B	7.8	8.6 B	15.0	6.4	9.1	6.4	4.2	4.1	6.2	10.2	9.6 B	06
07	7.0 B	5.3 B	5.3 B	11.4	7.1	6.7	7.2	4.2	5.5	6.8	9.4	9.6 B	07
08	7.9 B	5.3 B	6.2 B	11.3	12.7	6.7	5.0	6.7	6.5	7.3	7.6	11.1 B	08
09	6.5 B	7.5	5.9 B	11.8	13.8	7.0	5.6	6.2	8.1	7.7	11.6	8.6 B	09
10	8.2 B	7.6	6.8 B	23.0	13.3	6.2	5.4	5.4	13.5	5.2	6.9	10.2	10
11	6.5 B	7.6 B	5.3 B	12.6	11.7	7.3	7.4	6.0	19.6	5.6	6.8	13.5 B	11
12	6.8 B	8.7	5.3 B	10.1	9.3	7.6	11.3	7.5	24.7	6.5	8.0	6.2 B	12
13	7.3 B	7.0 B	5.3 B	9.1	9.2	5.0	6.2	4.9	20.1	5.8	6.7	8.9	13
14	10.0 B	7.9 B	5.3 B	9.7	8.3	6.2	6.4	5.5	18.8	7.6	9.1	7.5	14
15	10.4 B	4.8 B	7.0 B	10.1	7.9	6.0	6.4	6.6	22.3	4.7	7.0	8.0	15
16	8.9 B	9.6 B	6.8 B	10.4	6.9	8.6	5.0	6.8	24.6	7.5	6.4	9.7	16
17	11.1 B	9.6 B	19.3	17.0	5.6	7.3	7.0	24.3	24.4	8.0	7.7	8.3	17
18	17.0 B	5.9 B	30.4	44.6	17.3	6.0	4.4	5.4	37.7	6.1	6.2	6.1	18
19	7.0 B	6.2 B	25.5	16.5	33.0	8.7	7.3	12.0	32.5	5.7	10.7	5.4 B	19
20	7.3 B	8.3	16.1	6.4	10.8	6.8	5.1	6.3	31.1	15.5	11.3	5.6 B	20
21	8.6 B	7.3	34.9	9.4	6.0	5.1	6.5	7.5	28.3	9.3	7.2	7.6 B	21
22	8.2 B	9.7	14.4	8.7	7.0	5.3	5.9	5.7	18.0	5.9	7.5	5.9 B	22
23	11.7	7.9	13.5	17.3	6.3	7.6	5.9	6.9	5.9	7.9	5.9	8.6 B	23
24	90.9	12.6	26.4	12.3	6.8	9.6	6.5	5.8	4.9	7.6	7.0	8.2 B	24
25	44.0 B	6.2	38.0	5.8	6.1	5.7	19.8	7.1	6.0	8.3	6.3	9.6 B	25
26	7.0 B	8.8	16.6	6.3	6.6	4.3	18.5	5.3	5.7	8.0	6.9	8.2 B	26
27	6.8 B	7.3	6.8 B	8.6	6.9	7.8	4.2	6.5	5.7	8.8	5.9	6.8 B	27
28	8.6 B	6.1	5.6 B	12.7	6.9	7.5	11.2	5.4	3.2	6.2	4.9	7.9 B	28
29	8.2 B		6.2 B	10.2	7.0	5.3	11.9	6.2	6.6	7.0	5.9	6.5 B	29
30	115.0		6.5 B	6.2	7.4	6.2	7.3	5.7	4.8	6.7	5.3	4.8 B	30
31	205.0		6.5 B		6.5		6.3	5.4		7.5		6.8 B	31
TOTAL	672.6	310.9	371.9	407.2	282.4	207.5	234.4	222.7	413.5	218.2	241.1	245.2	TOTAL
MEAN	21.69	11.1	11.99	13.57	9.1	6.91	7.56	7.18	13.78	7.03	8.03	7.9	MEAN
AC-FT	1334.1	616.67	737.66	807.68	560.14	411.57	464.93	441.72	820.17	432.79	478.22	486.35	AC-FT
MAX	205.0	92.3	38.0	44.6	33.0	9.6	19.8	24.3	37.7	15.5	21.4	13.5	MAX
MIN	4.8	4.8	5.3	5.8	5.6	4.3	4.2	4.2	3.2	4.7	4.9	4.8	MIN

SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 10.5 CFS
TOTAL DISCHARGE, 7590 AC-FT
MAXIMUM DAILY DISCHARGE, 205.0 CFS
MINIMUM DAILY DISCHARGE, 3.2 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 57, ABOUT
0.75 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 4.0 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

BOWMANVILLE CREEK (TYRONE TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD213

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	8.6 B	6.5 B	8.6 B	10.3	9.4	7.2	5.6	7.1	5.9	6.9	14.4	8.6 E	01
02	8.6 B	16.4	7.6 B	21.2	7.2	6.6	6.8	5.5	6.1	7.0	9.3	7.9 E	02
03	9.3 B	4.8 B	8.6 B	21.9	7.2	8.0	6.3	9.5	5.7	8.4	8.7	7.6 E	03
04	9.3 B	6.2 B	8.6 B	14.5	8.0	5.3	6.6	4.0	7.0	8.3	7.5	10.4 E	04
05	7.0 B	8.6 B	51.7 B	14.7	7.3	6.5	7.0	4.7	6.7	6.2	6.7	9.5	05
06	6.5 B	7.3 B	7.6 B	12.9	6.9	5.8	5.9	5.4	5.9	5.3	7.2	7.5	06
07	8.2 B	8.9 B	5.6 B	16.3	7.4	5.9	6.1	5.2	9.3	5.8	7.5	8.9 B	07
08	9.3 B	6.8 B	7.6 B	18.0	9.1	6.9	5.4	5.2	6.8	6.9	8.9	7.3 B	08
09	6.5 B	6.2 B	6.8 B	19.8	8.7	6.2	5.4	4.9	8.5	7.4	9.3	18.1	09
10	5.3 B	7.6 B	5.3 B	14.5	7.4	6.7	8.0	5.8	5.8	6.7	10.4 E	15.6	10
11	6.8 B	7.3 B	7.0 B	8.9	7.7	5.9	10.3	5.2	4.4	5.6	10.7 E	8.9	11
12	7.0 B	5.1 B	7.3 B	9.2	7.5	8.1	6.5	5.9	6.1	8.3	10.6	6.5 B	12
13	7.6 B	6.2 B	5.6 B	9.2	6.9	4.9	6.3	5.7	4.9	11.2	8.7	6.8 B	13
14	5.9 B	8.6 B	6.8 B	11.4	7.5	6.0	5.1	6.1	7.2	6.6	7.9	7.3 B	14
15	6.2 B	6.5 B	6.5 B	12.6	8.1	6.5	7.0	4.0	6.1	8.0	7.3	5.6 B	15
16	7.9 B	7.3 B	7.6 B	11.5	17.7	7.6	7.7	5.8	7.1	7.6	6.3	7.6 B	16
17	8.6 B	7.3 B	21.9	11.1	18.6	5.9	5.9	5.9	6.2	6.2	6.1	9.6 B	17
18	6.8 B	7.9 B	17.7	10.8	8.5	7.2	6.1	4.7	8.6	5.8	6.9	7.9 B	18
19	7.9 B	7.6 B	23.6	9.0	8.4	5.9	5.4	6.7	6.5	7.3	7.0	8.8	19
20	9.6 B	8.2 B	23.0	34.1	7.1	5.8	21.5	7.0	6.1	8.0	20.0	6.9	20
21	6.8 B	5.3 B	20.6	18.1	6.2	6.1	12.7	4.8	7.3	10.0	13.7	7.3 B	21
22	5.9 B	6.5 B	21.7	9.4	8.5	7.0	3.3	6.6	6.0	12.6	6.3	9.3 B	22
23	9.6 B	7.9 B	23.3	10.1	7.7	4.0	3.8	5.1	5.9	7.6	7.0	7.3 B	23
24	9.3 B	8.6 B	21.2	14.0	6.6	5.1	6.0	5.2	7.3	7.2	6.5	7.0 B	24
25	6.2 B	6.5 B	19.6	13.1	8.1	7.8	5.8	6.5	14.1	7.3	7.3	7.6 B	25
26	8.2 B	5.3 B	21.9	9.3	10.8	6.0	5.6	5.1	7.6	7.8	7.2	6.5 B	26
27	8.2 B	7.9 B	18.3	9.9	6.5	9.5	5.8	5.9	13.7	7.7	6.8	6.8 B	27
28	7.3 B	9.3 B	13.7	8.3	6.8	5.3	6.4	5.3	4.9	6.2	13.0	7.0 B	28
29	15.2 B		10.7	7.6	6.9	7.0	5.8	5.2	6.7	7.0	8.9	6.2 B	29
30	7.3 B		10.8	8.3	5.8	5.6	6.4	7.9	6.4	10.3	8.9 E	7.0 B	30
31	8.9 B		10.2		6.8		5.1	8.9		20.9		8.9 B	31
TOTAL	245.8	208.6	437.0	400.0	257.3	192.3	211.6	180.8	210.8	248.1	267.0	258.2	TOTAL
MEAN	7.92	7.45	14.09	13.33	8.3	6.41	6.82	5.83	7.02	8.0	8.9	8.32	MEAN
AC-FT	487.54	413.75	866.78	793.4	510.35	381.42	419.7	358.61	418.12	492.1	529.59	512.13	AC-FT
MAX	15.2	16.4	51.7	34.1	18.6	9.5	21.5	9.5	14.1	20.9	20.0	18.1	MAX
MIN	5.3	4.8	5.3	7.6	5.8	4.0	3.3	4.0	4.4	5.3	6.1	5.6	MIN

SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 8.5 CFS
TOTAL DISCHARGE, 6180 AC-FT
MAXIMUM DAILY DISCHARGE, 51.7 CFS
MINIMUM DAILY DISCHARGE, 3.3 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 57, ABOUT
0.75 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 4.0 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

BOWMANVILLE CREEK (TYRONE TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD213

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.5 B	5.9 B	17.4	16.7	8.4	6.0	5.8	4.6	4.8	6.3	6.7	8.7	01
02	5.6 B	6.5 B	13.4	34.8	11.3	4.3	5.0	6.1	6.9	6.1	5.7	7.9 B	02
03	7.6 B	7.0 B	11.9	36.7	7.7	9.5	4.8	5.6	5.8	5.5	7.3	6.8 B	03
04	10.4 B	7.3 B	10.4	17.1	7.9	7.2	4.9	5.1	5.2	7.2	7.3	6.4	04
05	17.8	28.5	7.3 B	15.5	4.2	5.9	6.6	4.3	8.6	5.4	6.4	6.5	05
06	7.9 B	37.0 B	8.6 B	21.4	5.6	4.2	27.8	3.7	8.3	5.9	5.0	10.3	06
07	7.6 B	26.7 B	6.2 B	30.2 E	6.2	6.1	6.0	4.7	7.0	6.3	7.3	11.4	07
08	5.6 B	10.7 B	7.3 B	18.9 E	5.8	6.5	6.0	4.3	5.1	2.5	7.7	9.1	08
09	5.6 B	8.2 B	9.3 B	33.2 E	6.8	6.7	6.1	5.7	4.8	5.1	5.8	12.9	09
10	5.6 B	6.5 B	7.9 B	29.6	7.0	5.2	5.0	4.6	3.8	8.6	7.9	16.3	10
11	5.3 B	7.3 B	7.3 B	20.8	4.2	5.6	5.2	5.0	4.3	6.5	7.3	14.7	11
12	6.8 B	6.8 B	8.2 B	21.6	7.7	4.8	5.3	5.9	4.7	6.8	7.8	7.6	12
13	6.8 B	6.2 B	9.6 B	28.6	8.7	16.3	6.1	4.4	6.6	5.9	8.0	9.1	13
14	5.3 B	6.8 B	9.6 B	22.6	9.6	8.2	6.2	5.3	9.2	7.3	6.5	5.0	14
15	7.6 B	6.2 B	12.1	13.7	6.3	4.1	5.8	4.0	4.2	4.9	9.9	12.6	15
16	8.2 B	6.2 B	20.0	14.0	3.2	6.3	4.6	5.4	5.4	5.3	7.9	17.0	16
17	6.5 B	6.2 B	18.7	14.8	9.5	6.2	5.8	4.2	7.2	6.1	7.4	7.6	17
18	7.3 B	6.2 B	15.7	13.6	6.6	4.2	5.1	6.2	5.6	6.6	7.2	6.4	18
19	7.6 B	6.2 B	14.3	15.3	6.4	5.1	6.5	4.9	5.5	6.4	8.0	5.9	19
20	7.9 B	20.5	12.2	14.0	7.4	4.8	5.4	3.9	19.6	6.4	8.8	7.6	20
21	8.2 B	33.2 B	11.2	12.4	6.6	7.0	5.1	4.4	9.9	5.4	8.6	6.4	21
22	8.2	15.6 B	10.2	10.9	6.3	4.1	5.3	5.4	5.2	6.6	7.8	6.4	22
23	8.6	69.9	9.3	9.5	4.2	4.5	6.8	9.4	6.1	6.1	8.1	9.5	23
24	8.0	34.5 B	8.9	8.1	2.4	5.3	6.3	6.4	5.8	7.4	8.3	11.5	24
25	9.5	10.4 B	9.5	7.7	5.9	7.1	6.4	5.8	7.2	12.6	5.7	10.9	25
26	6.8 B	10.4 B	9.5	10.7	7.2	7.3	8.2	6.4	4.7	4.9	7.2	9.2	26
27	7.3 B	30.2 B	8.6	7.9	6.7	6.2	8.4	9.0	6.4	6.4	6.4	7.2	27
28	7.9 B	20.9	8.0	9.0	6.4	30.8	6.8	11.6	10.1	6.3	7.8	7.5	28
29	6.2 B		8.7	10.3	5.0	7.1	5.3	5.9	9.3	6.0	9.6	7.6	29
30	6.8 B		10.0	9.4	4.8	5.2	6.4	5.2	6.5	6.5	8.1	5.1	30
31	5.6 B		11.3		5.9		5.6	6.2		6.2		5.6 B	31
TOTAL	232.6	448.0	332.6	549.0	201.9	211.8	204.6	173.6	203.8	196.1	223.5	276.7	TOTAL
MEAN	7.5	16.0	10.72	18.3	6.51	7.06	6.6	5.6	6.79	6.32	7.45	8.92	MEAN
AC-FT	461.36	888.6	659.71	1088.94	400.46	420.1	405.82	344.33	404.23	388.96	443.31	548.83	AC-FT
MAX	17.8	69.9	20.0	54.8	11.3	30.8	27.8	11.6	19.6	12.6	9.9	17.0	MAX
MIN	5.3	5.9	6.2	7.7	2.4	4.1	4.6	3.7	3.8	2.5	5.0	5.0	MIN

SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 8.9 CFS
TOTAL DISCHARGE, 6450 AC-FT
MAXIMUM DAILY DISCHARGE, 69.9 CFS
MINIMUM DAILY DISCHARGE, 2.4 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 57, ABOUT
0.75 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 4.0 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

BOWMANVILLE CREEK (TYRONE TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD213

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	7.3 B	7.0 B	8.2 B	22.5	9.3	7.1	6.3	4.6	5.2	8.1	7.8	8.2	01
02	7.6 B	5.6 B	7.0 B	24.7	13.1	7.4	11.3	7.0	6.2	7.0	10.3	7.2	02
03	7.9 B	4.8 B	6.5 B	30.7	18.2	5.2	7.4	8.1	9.8	6.0	10.5	7.4	03
04	7.3 B	5.9 B	7.6 B	29.1	10.7 E	6.1	6.3	5.8	5.8	5.1	8.1	7.9 B	04
05	5.9 B	6.5 B	6.5 B	16.5	9.3 E	5.3	4.1	5.7	5.3	6.7	8.5	7.6 B	05
06	7.6 B	7.0 B	6.8 B	12.9	8.2 E	5.4	4.4	4.6	4.0	8.6	7.8	15.7	06
07	8.2 B	6.5 B	7.9 B	5.9 B	9.0	6.4	5.5	7.2	3.5	11.2	8.1	8.4	07
08	9.6 B	6.8 B	9.6 B	5.6 B	6.4	5.4	6.7	11.1	12.1	6.7	23.3	7.0	08
09	8.2 B	5.9 B	8.2 B	8.6 B	7.3	6.8	4.9	10.6	6.8	6.3	11.6	8.5	09
10	8.2 B	6.8 B	5.9 B	20.7	6.3	5.7	6.7	7.0	4.9	5.1	9.0	8.1	10
11	9.6 B	7.0 B	7.0 B	53.9	5.4	6.0	5.1	6.3	6.1	6.4	8.5	7.9	11
12	8.9 B	8.2 B	7.3 B	47.8	6.2	6.2	5.8	5.2	5.7	6.1	7.9	8.0	12
13	8.6 B	10.4 B	8.9 B	82.8	5.7	6.6	6.2	4.5	9.6	6.7	8.7	43.6	13
14	6.5 B	51.7 B	7.6 B	36.8	7.5	3.6	8.2 E	7.6	7.6	6.5	7.3	14.6	14
15	6.5 E	63.1 B	5.9 B	30.3	10.7	6.6	10.0 E	4.9	6.8	6.8	7.7	10.0	15
16	6.5 E	18.9 B	15.6 B	27.0	10.5	5.8	17.7	4.7	5.1	6.8	8.6	8.9 B	16
17	5.6 B	7.6 B	32.6 B	37.0	8.8	5.9	4.3	7.2	6.4	5.5	7.2	8.9 B	17
18	11.1 B	6.5 B	15.2 B	24.1	7.3	5.4	4.8	4.0	5.6	6.1	7.5	7.9 B	18
19	18.4 B	7.3 B	6.8 B	22.0	6.4	5.5	6.2	5.9	5.9	6.9	7.1	11.4 B	19
20	15.2 B	6.5 B	6.2 B	19.7	5.4	5.6	5.4	5.1	3.8	5.8	11.8	7.6 B	20
21	7.3 B	6.8 B	10.7 B	13.5	6.9	5.5	6.5	4.8	4.2	6.3	7.8	5.4	21
22	7.6 B	6.5 B	19.8 B	24.6	5.8	12.4	5.9	10.8	5.6	9.0	7.1	9.2	22
23	17.0 B	7.0 B	20.8 B	17.7	5.7	13.1	7.3	9.2	4.9	29.1	6.8	8.8	23
24	7.6 B	6.5 B	16.6	10.2	5.1	17.4	6.7	5.5	6.4	14.1	7.5	9.4	24
25	5.9 B	6.2 B	10.7 B	11.2	5.1	7.2	6.1	2.7	5.9	7.4	7.9	9.7	25
26	5.3 B	5.6 B	7.6 B	11.7	5.3	3.6	5.5	4.3	9.2	8.0	12.7	10.5	26
27	5.9 B	7.6 B	7.0 B	9.6	5.8	4.4	6.2	18.5	6.8	7.8	12.9	10.8	27
28	5.9 B	8.9 B	8.4	10.2	4.9	5.9	5.3	6.5	5.5	8.2	12.8	9.1	28
29	5.6 B	8.2 B	10.7	8.5	5.6	5.8	4.4	4.5	6.7	15.5	8.2	7.0 B	29
30	5.9 B		15.7	8.9	6.2	6.9	5.1	5.8	13.0	9.5	6.9	14.3 B	30
31	6.5 B		18.5		7.8		7.0	5.1		7.4		22.4 B	31
TOTAL	255.2	313.3	333.8	684.7	235.9	200.2	203.3	204.3	194.4	256.7	277.9	331.4	TOTAL
MEAN	8.23	10.8	10.76	22.82	7.6	6.67	6.55	6.59	6.48	8.28	9.26	10.69	MEAN
AC-FT	506.18	621.43	662.09	1358.1	467.9	397.09	403.24	405.22	385.59	509.10	551.21	657.33	AC-FT
MAX	18.4	63.1	32.6	82.8	18.2	17.4	17.7	18.5	13.0	29.1	23.3	43.6	MAX
MIN	5.3	4.8	5.9	5.6	4.9	3.6	4.1	2.7	3.5	5.1	6.8	5.4	MIN

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 9.5 CFS
TOTAL DISCHARGE, 6920 AC-FT
MAXIMUM DAILY DISCHARGE, 82.8 CFS
MINIMUM DAILY DISCHARGE, 2.7 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 57, ABOUT
0.75 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 4.0 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.
STATION DISCONTINUED DECEMBER 1972.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01								6.4	7.1	8.9	9.1	13.9	01
02								7.8	6.8	8.7	13.9	12.9 B	02
03								6.9	6.8	6.2	15.5	13.0 B	03
04								6.3	12.2	8.5	10.1	13.1 B	04
05								6.4 E	7.9	8.2	9.0	14.4 B	05
06								6.1 E	7.8	7.9	8.8	33.1 B	06
07								6.4 E	7.3	7.8	8.9	87.6	07
08								6.4 E	7.0	7.8	12.8	44.4	08
09								6.6 E	6.8	7.9	21.9	24.3	09
10								6.4 E	6.6	10.3	26.9	49.6	10
11								7.5 E	6.6	9.3	16.0	27.8	11
12								6.6 E	6.7	9.7	11.8	17.6	12
13								6.1 E	7.0	9.1	10.6	15.2 B	13
14								6.1 E	7.1	8.9	10.4	14.7	14
15								6.4 E	7.6	9.6	11.1	14.3	15
16								7.2 E	7.2	12.2	10.3	14.7	16
17								7.2 E	7.2	9.3	10.9	15.5	17
18								7.1	7.1	8.9	10.6	16.5	18
19								6.8	7.2	8.9	10.9	11.5 B	19
20								6.5	7.2	9.4	10.4	10.4 B	20
21								6.5	9.2	8.6	9.8	10.8 B	21
22								10.6	12.2	8.6	9.7	10.4 B	22
23								9.5	10.3	8.3	9.9	10.4 B	23
24								7.5	8.7	8.2	11.2	10.0 B	24
25								7.4	8.2	8.2	20.1	10.0 B	25
26								7.4	8.1	8.3	13.9	9.7 B	26
27								6.9	8.0	8.3	12.0	9.7 B	27
28								6.7	8.1	8.4	34.4	9.7 B	28
29								6.8	10.4	8.3	33.0	9.3 B	29
30								7.7	11.4	8.2	16.5	9.3 B	30
31								7.9		8.7		8.9 B	31
TOTAL								218.1	241.8	271.6	420.4	572.7	TOTAL
MEAN								7.03	8.06	8.76	14.01	18.47	MEAN
AC-FT								432.6	479.61	538.71	833.86	1135.95	AC-FT
MAX								10.6	12.2	12.2	34.4	87.6	MAX
MIN								6.1	6.6	7.8	8.8	8.9	MIN

SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 87.6 CFS
MINIMUM DAILY DISCHARGE, 6.1 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT
1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.1 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

BOWMANVILLE CREEK (HAYDON TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD214

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	8.9 B	7.2 B	5.5 B	43.0	10.1	8.4	14.9	9.9	8.7	10.7	11.6	9.8 B	01
02	8.5 B	6.9 B	5.5 B	94.4	14.8	8.0	17.8	8.9	8.2	9.7	40.6	9.8 B	02
03	8.2 B	6.9 B	5.5 B	68.4	15.2	7.7	13.9	10.8	8.1	9.5	22.9	9.7	03
04	7.8 B	6.6 B	5.5 B	19.3	11.7	7.9	10.4	12.0	8.0	9.1	18.8	9.7 B	04
05	7.5 B	6.6 B	5.5 B	19.5	10.8	7.7	9.1	9.5	7.8	9.0	14.2	9.2	05
06	7.2 B	6.1 B	5.5 B	31.8	10.0	8.0	8.7	8.6	7.7	8.6	12.7	9.8	06
07	7.2 B	6.4 B	5.5 B	21.9	11.7	8.3	8.4	8.4	7.8	8.8	11.8	10.0	07
08	7.2 B	6.4 B	5.5 B	18.2	16.0	11.4	8.3	9.7	7.8	9.0	11.4	11.7	08
09	7.2 B	6.1 B	5.5 B	18.5	14.5	9.8	10.3	12.8	7.9	10.1	13.0	11.1	09
10	7.2 B	6.1 B	5.5 B	26.5	13.3	19.2	9.8	15.5	8.0	9.3	12.5	11.0 B	10
11	7.2 B	6.1 B	18.2 B	16.0	14.8	14.1	9.3	9.8	7.7	9.1	15.7	12.2	11
12	7.2 B	5.8 B	39.0 B	14.2	14.1	9.7	10.2	8.7	7.6	8.9	43.4	35.8	12
13	7.2 B	6.1 B	21.5 B	14.4	11.0	9.7	9.9	8.5	7.6	9.1	26.1	17.6	13
14	7.2 B	5.8 B	20.4 B	21.0	9.9	8.9	8.9	8.2	7.5	10.0	16.3	12.7	14
15	6.9 B	5.8 B	25.3 B	30.6	10.5	10.9	8.6	8.2	7.6	9.6	13.9 B	11.4	15
16	6.6 B	5.8 B	13.8 B	19.1	9.7	10.2	8.4	8.1	7.5	16.7	13.7 B	10.9	16
17	6.6 B	5.8 B	10.0 B	19.6	9.2	12.0	8.2	8.1	7.7	17.3	14.2	10.8	17
18	6.6 B	5.5 B	8.5 B	18.9	9.5	11.6	8.0	8.2	7.7	30.0	28.4	17.0	18
19	6.6 B	5.8 B	7.8	15.2	16.8	8.7	8.0	8.5	7.6	45.1	19.8	22.0	19
20	6.6 B	6.1 B	7.2	13.7	12.6	8.3	7.9	10.2	7.9	16.0	13.5	13.6	20
21	6.6 B	5.5 B	8.5	13.6	10.5	8.3	7.6	8.9	11.8	13.3	12.2 B	61.8	21
22	6.9 B	5.5 B	6.9	29.0	11.2	25.8	7.5	8.5	12.2	11.9	15.2	46.9	22
23	13.8 B	5.5 B	6.6	15.7	10.5	11.9	11.8	8.3	9.2	11.0	26.5	17.1 B	23
24	21.3 B	5.5 B	12.0	14.1	9.9	10.0	11.3	8.2	9.6	10.9	17.3	13.8 B	24
25	44.8 B	5.5 B	20.4	12.6	9.5	14.5	9.7	8.2	9.2	14.1	15.0	13.8 B	25
26	21.1 B	5.5 B	84.2	11.7	9.2	10.2	8.3	8.4	8.7	14.7	16.8	13.2 B	26
27	14.5 B	5.5 B	92.8	11.2	9.4	8.9	11.1	9.0	8.8	13.6	13.4	12.7 B	27
28	14.0 B	5.5 B	48.0	10.6	9.1	8.4	15.0	9.9	22.2	19.6	10.7 B	12.1 B	28
29	13.8 B		54.1	10.3	8.8	10.4	9.4	8.7	28.7	13.2	10.1 B	11.4 B	29
30	13.6 B		39.0	10.2	8.7	12.0	8.6	9.0	11.9	11.6	9.9 B	10.5 B	30
31	13.3 B		38.2		8.6		12.8	9.9		11.3		8.7 B	31
TOTAL	329.3	167.9	637.7	683.2	351.6	320.9	312.1	289.6	286.7	410.8	521.6	466.1	TOTAL
MEAN	10.62	5.99	20.57	22.77	11.34	10.69	10.06	9.34	9.62	13.25	17.38	15.74	MEAN
AC-FT	653.16	333.02	1264.87	1355.12	697.39	636.5	619.05	574.42	572.63	814.82	1034.59	968.14	AC-FT
MAX	44.8	7.2	92.8	94.4	16.8	25.8	17.8	15.5	28.7	45.1	43.4	61.8	MAX
MIN	6.6	5.5	5.5	10.2	8.6	7.7	7.5	8.1	7.5	8.6	9.9	8.7	MIN

SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, 13.2 CFS
TOTAL DISCHARGE, 9520 AC-FT
MAXIMUM DAILY DISCHARGE, 94.4 CFS
MINIMUM DAILY DISCHARGE, 5.5 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT
1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.1 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

BOWMANVILLE CREEK (HAYDON TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD214

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	7.1 8	30.4 8	7.5 8	22.3	13.7	11.2	8.2	10.7	8.0	8.8	9.3	14.2	01
02	6.9 8	237.0 8	7.1 8	16.2	15.0	11.6	7.8	8.0	10.4	8.6	9.5	15.0	02
03	7.2 8	48.1 8	7.1 8	15.4	13.3	11.4	7.8	7.7	10.0	13.1	9.3	16.3	03
04	7.2 8	12.8 8	7.1 8	43.3	13.5	10.1	7.8	7.4	8.8	10.0	9.5	32.5	04
05	7.1 8	9.9 8	7.1 8	22.1	11.5	9.5	7.9	7.4	10.2	9.6	9.5	25.4	05
06	7.3 8	9.5 8	7.1 8	15.4	10.7	9.1	7.8	11.9	47.2	9.6	9.3	16.2	06
07	7.3 8	9.2 8	7.1 8	14.5	10.1	8.7	7.3	9.1	12.0	11.4	13.0	13.9 8	07
08	7.2 8	8.5 8	7.5 8	14.7	9.9	8.5	7.5	8.6	9.7	10.0	12.7	12.5 8	08
09	7.4 8	8.5 8	8.2 8	14.2	14.7	8.6	7.6	14.3	9.1	9.6	12.1	12.6 8	09
10	7.4 8	8.5 8	8.5 8	13.8	16.3	10.0	8.3	8.4	9.7	9.7	13.3	12.8 8	10
11	7.3 8	8.5 8	8.8 8	13.1	11.6	9.0	7.8	8.1	13.3	9.7	11.2	12.9 8	11
12	7.3 8	8.5 8	8.5 8	12.8	15.6	9.6	7.6	7.7	11.2	9.3	10.6	15.1 8	12
13	7.1 8	8.5 8	8.2 8	12.6	13.7	8.6	7.6	7.8	9.1	9.1	10.3	21.1 8	13
14	7.6 8	8.5 8	7.8 8	12.4	11.2	8.4	7.6	7.7	8.8	9.2	10.4	18.0 8	14
15	9.5 8	8.5 8	7.5 8	12.4	12.8	8.3	7.7	7.4	8.9	9.2	13.8	11.8 8	15
16	7.8 8	8.2 8	42.4 8	11.6	21.7	8.1	8.0	7.9	8.9	9.3	13.5	11.9 8	16
17	7.7 8	8.2 8	120.0	11.2	20.2	8.1	8.0	11.9	8.4	9.3	11.3	12.0 8	17
18	8.1 8	8.2 8	98.6	11.0	13.5	7.9	7.7	8.2	8.3	9.3	16.2	12.4 8	18
19	8.6 8	7.8 8	78.8	11.0	12.6	9.6	8.2	8.1	8.3	18.0	13.3	13.3 8	19
20	8.4 8	7.8 8	68.1	10.8	32.5	8.4	8.0	11.0	8.4	11.6	11.5	13.6 8	20
21	8.2 8	7.8 8	52.5	10.7	16.0	8.3	7.6	8.1	8.3	10.7	11.5	13.8 8	21
22	7.9 8	7.5 8	32.2	11.5	13.0	11.8	7.5	16.4	8.4	10.2	14.5	14.1 8	22
23	7.6 8	7.5 8	30.3	11.3	11.6	8.9	7.5	14.7	8.4	10.2	14.7	15.3 8	23
24	7.3 8	7.5 8	19.6 8	13.4	10.3	8.6	7.7	10.1	8.6	9.9	17.9	9.4 8	24
25	7.4 8	7.5 8	25.5 8	13.2	9.5	8.8	7.8	9.0	9.1	10.2	14.4	7.1 8	25
26	7.5 8	7.5 8	45.2	12.8	9.4	20.4	7.6	8.7	8.5	9.9	12.3	7.5 8	26
27	7.3 8	7.5 8	48.1	11.7	8.8	11.1	7.5	8.5	8.8	9.8	12.1	7.8 8	27
28	7.5 8	7.5 8	43.5	10.6	9.2	11.9	8.0	8.1	8.7	9.8	38.1	8.0 8	28
29	7.9 8	7.5 8	34.6	10.8	19.8	9.9	7.5	7.9	8.4	10.2	46.3	8.2 8	29
30	34.8 8		23.7	11.5	15.9	9.1	7.4	8.0	8.7	9.7	16.2	8.7 8	30
31	26.8 8		22.3		12.6		7.8	7.9		9.3		10.2 8	31
TOTAL	281.7	532.9	900.5	428.8	430.2	293.5	240.1	286.7	314.6	314.3	427.6	423.6	TOTAL
MEAN	9.08	18.37	29.04	14.29	13.87	9.78	7.74	9.24	10.48	10.13	14.25	13.66	MEAN
AC-FT	558.75	1057.0	1786.14	850.52	853.3	582.15	476.23	568.66	624.0	623.41	848.14	840.21	AC-FT
MAX	34.8	237.0	120.0	43.3	32.5	20.4	8.3	16.4	47.2	18.0	46.3	32.5	MAX
MIN	6.9	7.5	7.1	10.6	8.8	7.9	7.3	7.4	8.0	8.6	9.3	7.1	MIN

SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 13.3 CFS
TOTAL DISCHARGE, 9670 AC-FT
MAXIMUM DAILY DISCHARGE, 237 CFS
MINIMUM DAILY DISCHARGE, 6.9 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT
1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.1 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

BOWMANVILLE CREEK (HAYDON TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD214

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	11.6 8	23.4 8	10.9	12.9 8	11.5	9.6	10.8	15.5	8.5	8.1	9.4	10.7 8	01
02	11.6 8	17.2	11.4	60.4	11.0	14.6	8.5	16.0	8.5	8.5	30.3	10.8 8	02
03	11.2 8	16.1	12.1	19.9	12.8	18.6	10.0	15.1	8.3	8.9	15.7	10.8 8	03
04	10.7 8	14.5 8	12.3 8	19.8	11.0	13.0	8.9	9.6	8.2	8.4	12.4	10.8 8	04
05	10.2 8	12.4 8	11.2 8	44.0	10.1	13.4	10.3	9.0	8.3	8.3	11.0	10.8 8	05
06	9.8 8	11.9 8	10.9 8	22.5	9.7	12.9	8.5	8.6	8.7	8.4	10.5	10.8 8	06
07	9.3 8	11.4 8	10.8 8	20.2	10.0	10.9	8.1	8.6	8.7	8.8	10.2	10.8 8	07
08	8.9 8	10.8 8	11.1 8	18.5	20.8	10.0	8.1	8.8	8.4	9.5	9.9	10.8 8	08
09	8.9 8	11.4 8	11.3 8	18.1	18.5	9.3	7.9	8.5	8.5	8.6	9.7	10.8 8	09
10	8.9 8	10.8 8	11.1 8	35.6	17.4	8.8	8.1	8.2	8.6	8.5	9.9	12.5 8	10
11	8.4 8	10.8 8	10.9 8	18.5	24.0	8.7	12.7	8.3	8.6	8.4	10.0	28.6	11
12	8.1 8	10.3 8	10.4 8	14.9	16.8	8.7	13.5	8.2	8.8	8.5	11.2	19.9	12
13	8.1 8	9.8 8	10.4 8	14.5	15.8	9.1	9.3	8.2	8.5	8.5	10.5	15.4	13
14	8.1 8	9.8 8	10.3 8	14.3	13.9	8.6	8.6	8.3	8.8	10.1	18.3	14.1	14
15	8.1 8	10.3 8	12.1	14.6	12.0	8.9	8.2	8.3	8.8	8.7	14.2	13.2 8	15
16	7.7 8	10.3 8	14.8	16.6	11.4	9.8	8.0	14.4	8.9	11.6	11.2	10.8 8	16
17	7.7 8	10.3 8	52.4	21.5	11.3	8.7	8.0	18.7	8.9	10.4	11.0	10.3 8	17
18	13.0 8	10.8 8	104.0	74.2	29.8	10.4	7.9	11.3	8.5	9.2	13.8	10.3	18
19	13.0 8	10.8 8	44.0	23.6	61.6	10.7	7.7	20.5	8.4	9.7	22.2	9.8	19
20	12.5 8	11.8 8	28.5	15.6	19.5	9.6	7.5	10.4	8.3	20.3	14.8	9.3 8	20
21	12.1 8	11.1 8	78.3	14.3	14.8	8.5	8.7	9.2	8.3	11.8	11.3 8	9.3 8	21
22	11.6 8	12.6 8	27.1	15.2	13.1	8.4	8.3	8.9	8.2	10.7	10.6 8	9.3 8	22
23	12.9 8	11.5	25.8	26.1	12.4	10.6	7.8	8.6	8.2	10.0	11.0	9.3 8	23
24	56.0	10.7	45.2	18.2	11.5	10.4	8.2	8.6	8.7	10.7	10.8	9.3 8	24
25	22.7 8	10.6	58.0	14.0	11.6	9.4	29.7	8.5	8.8	10.9	10.8	9.3 8	25
26	12.1 8	10.5	29.3	12.7	10.7	9.0	16.9	8.5	8.3	9.8	10.8	9.3 8	26
27	11.6 8	10.4	17.8 8	12.4	10.3	8.7	12.3	8.5	8.4	9.8	10.3	9.3 8	27
28	11.6 8	10.6	17.1 8	19.3	10.1	8.3	29.6	8.6	8.4	9.6	9.9	8.8 8	28
29	12.1		22.9	16.5	11.1	8.1	16.2	8.9	8.2	9.2	10.0	8.5 8	29
30	84.2		13.7 8	12.6	10.8	8.9	10.3	8.6	8.3	9.1	10.4	8.5 8	30
31	95.5 8		13.1 8		9.7		8.8	8.8		9.1		8.5 8	31
TOTAL	538.2	332.9	759.2	661.5	475.0	304.6	337.4	319.8	255.0	302.1	372.1	350.7	TOTAL
MEAN	17.36	11.88	24.49	22.05	15.32	10.15	10.88	10.31	8.5	9.74	12.4	11.31	MEAN
AC-FT	1067.51	660.3	1505.87	1312.08	942.16	604.17	669.23	634.32	505.79	599.21	738.06	695.61	AC-FT
MAX	95.5	23.4	104.0	74.2	61.6	18.6	29.7	20.5	8.9	20.3	30.3	28.0	MAX
MIN	7.7	9.8	10.3	12.4	9.7	8.1	7.5	8.2	8.2	8.1	9.4	8.5	MIN

SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 13.7 CFS
TOTAL DISCHARGE, 9930 AC-FT
MAXIMUM DAILY DISCHARGE, 104 CFS
MINIMUM DAILY DISCHARGE, 7.5 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT
1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.1 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	8.5 B	5.7 B	5.0 B	20.9	11.3	7.8	6.9	8.7	7.1	7.8	17.9	10.7	01
02	8.1 B	63.9 B	5.0 B	43.1	10.4	7.6	7.6	7.1	6.7	8.6	12.4	10.5	02
03	8.1 B	45.6 B	5.1 B	48.4	9.2	7.6	7.0	7.1	7.1	9.2	10.4	9.7	03
04	8.1 B	21.6 B	10.0 B	35.3	8.9	7.4	8.4	6.8	8.7	8.9	9.3	15.1	04
05	8.1 B	17.0 B	18.9 B	30.1	9.0	7.2	7.1	7.7	7.9	8.2	5.2	12.3 B	05
06	8.1 B	13.2 B	9.8 B	34.0	9.2	6.9	6.1	7.0	7.0	8.0	9.0	11.2 B	06
07	7.8 B	9.5 B	9.1 B	42.5	8.5	7.0	6.0	7.0	6.6	8.1	8.9	10.7 B	07
08	7.8 B	8.6 B	9.1 B	49.9	11.8	6.8	6.0	7.0	9.0	8.1	8.8	10.1 B	08
09	7.8 B	8.2 B	9.6 B	44.3	10.9	6.5	6.6	6.8	9.7	7.9	8.8	20.5 B	09
10	7.8 B	7.7 B	10.1 B	22.8	9.5	7.0	11.4	6.8	8.0	8.2	12.7	19.0 B	10
11	7.8 B	7.3 B	10.3 B	16.9	8.8	7.4	9.0	6.7	7.1	8.2	12.9	12.5 B	11
12	7.4 B	7.0 B	10.5 B	16.9	8.5	6.6	8.8	8.6	7.0	9.0	12.1	12.0 B	12
13	7.4 B	6.9 B	11.1 B	18.7	8.4	5.9	7.2	8.1	7.3	9.7	10.6	11.8 B	13
14	7.1 B	6.8 B	11.1	21.1	8.3	6.0	8.1	7.4	7.7	9.8	9.4	11.8 B	14
15	7.1 B	6.7 B	11.0	19.8	9.6	6.3	9.4	7.1	7.6	9.4	9.5	11.8 B	15
16	7.1 B	6.7 B	10.2 B	16.9	24.3	6.6	8.8	7.2	8.5	8.6	9.3	11.8 B	16
17	6.8 B	6.7 B	9.7 B	17.4	22.9	7.6	7.9	6.6	7.5	8.2	9.5	11.8 B	17
18	6.8 B	7.1 B	13.1	16.5	12.0	7.4	7.9	6.4	9.4	8.1	9.9	11.5 B	18
19	6.8 B	7.4 B	21.3	13.7	9.9	6.8	7.5	8.5	8.2	8.1	9.4	11.2 B	19
20	6.8 B	6.7 B	29.2	63.1	8.7	6.6	26.7	8.1	7.5	8.2	24.4	10.9 B	20
21	6.8 B	6.7 B	40.0	31.5	8.1	6.4	11.8	7.0	7.6	13.2	15.4	10.4 B	21
22	6.4 B	7.2 B	52.2	19.9	9.8	6.2	8.2	6.7	7.5	17.0	12.6	10.2 B	22
23	6.4 B	7.1 B	53.2	16.7	9.3	6.0	7.7	6.7	7.3	10.0	10.9	9.8 B	23
24	6.4 B	6.6 B	53.1	24.4	8.2	6.0	7.3	6.5	8.0	9.0	9.2 B	9.8 B	24
25	6.1 B	5.4 B	53.4	21.3	9.5	6.2	7.4	6.5	19.3	8.6	9.0 B	9.8 B	25
26	6.1 B	5.1 B	59.9	14.9	13.3	6.2	7.3	6.6	14.0	8.5	9.6	9.8 B	26
27	6.1 B	5.1 B	48.5	13.2	8.7	10.7	7.2	6.4	11.7	8.4	11.2	9.5 B	27
28	6.1 B	5.1 B	28.8	12.1	8.4	6.7	7.4	6.6	8.5	8.4	17.2	9.4 B	28
29	13.4 B		17.7 B	11.2 E	7.8	7.2	7.2	6.6	8.3	8.2	13.0	9.4 B	29
30	6.1 B		18.2 B	9.6 E	7.5	6.9	7.5	9.9	8.5	12.8	12.1	9.4 B	30
31	5.4 B		16.9 B		7.7		7.6	10.3		26.2		9.8 B	31
TOTAL	226.6	318.6	671.1	767.1	318.4	207.5	261.0	226.5	256.3	300.6	344.6	354.2	TOTAL
MEAN	7.3	11.37	21.64	25.57	10.27	6.91	8.41	7.3	8.54	9.69	11.48	11.42	MEAN
AC-FT	449.46	631.94	1331.12	1521.54	631.54	411.57	517.69	449.26	508.37	596.24	683.51	702.55	AC-FT
MAX	13.4	63.9	59.9	63.1	24.3	10.7	26.7	10.3	19.3	26.2	24.4	20.5	MAX
MIN	5.4	5.1	5.0	9.6	7.5	5.9	6.0	6.4	6.6	7.8	8.8	9.4	MIN

SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 11.7 CFS
TOTAL DISCHARGE, 8430 AC-FT
MAXIMUM DAILY DISCHARGE, 63.9 CFS
MINIMUM DAILY DISCHARGE, 5.0 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT
1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.1 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

BOWMANVILLE CREEK (HAYDON TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD214

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	9.8 B	8.0 B	17.4	21.8	11.3	7.9	7.5	7.2	7.1	7.6	8.3	9.1 B	01
02	10.4 B	8.0 B	17.8	74.1	13.6	9.5	6.8	7.0	7.2	7.4	8.5	9.1 B	02
03	10.7 B	8.0 B	17.8	61.5	11.7	12.8	6.7	7.2	7.5	7.8	8.4	9.2 B	03
04	16.6 B	8.0 B	15.7 B	38.3 B	9.7	9.6	6.5	7.2	7.8	7.8	8.5	9.2 B	04
05	28.1 B	19.2 B	14.5	30.2 B	9.1	8.8	6.8	6.9	8.1	7.8	8.5	9.3 B	05
06	12.8 B	36.0 B	13.9	47.8	8.9	8.6	57.0	6.9	8.3	7.8	8.8	12.5	06
07	12.3 B	8.8 B	12.0	85.6	8.5	8.6	10.0	6.8	8.1	7.8	9.5	15.9	07
08	11.8 B	8.0 B	11.3 B	78.3 B	8.9	10.1	8.2	6.7	7.8	7.8	8.9	12.5	08
09	11.2 B	8.0 B	11.0 B	113.0	9.7	9.5	7.6	6.9	7.4	9.7	8.9	17.8	09
10	10.8 B	8.0 B	10.7 B	83.7	9.0	8.4	7.1	7.5	7.2	12.4	10.0	26.8	10
11	9.4 B	8.0 B	11.1 B	63.3	9.1	8.2	6.7	7.9	7.2	8.8	9.9	23.1	11
12	8.8 B	8.0 B	12.4 B	52.3	9.7	8.0	6.8	7.3	7.1	8.3	10.0	13.2	12
13	9.0 B	8.0 B	12.1 B	83.6	9.7	22.7	7.8	6.9	8.4	8.2	10.7	11.9	13
14	9.2 B	8.0 B	10.0	41.8	8.9	10.7	7.6	7.1	8.3	9.4	9.6	10.9	14
15	9.2 B	8.0 B	15.3	26.5	8.7	8.9	7.0	7.2	8.0	8.5	11.7	23.3	15
16	9.2 B	8.0 B	23.0	26.4	8.7	8.5	7.0	7.1	7.7	8.3	9.9	23.2	16
17	9.2 B	8.0 B	20.6	23.7	8.6	8.3	8.3	7.0	8.3	8.3	9.5	13.8	17
18	8.8 B	8.0 B	18.5 B	25.0	8.3	8.0	7.1	6.7	7.8	8.3	9.2	11.9 B	18
19	8.8 B	8.0 B	18.2	24.9	7.9	7.8	7.3	6.6	7.5	8.1	11.7	10.7 B	19
20	8.8 B	17.1 B	15.8	21.6	8.9	7.8	7.4	6.7	22.0	8.0	10.6	10.7 B	20
21	8.8 B	23.8 B	13.7	19.7	8.5	8.1	7.1	7.1	12.9	8.1	10.9	10.1 B	21
22	8.8 B	8.0 B	12.8 B	17.1	8.1	7.5	7.1	7.2	8.8	8.2	9.5	9.6 B	22
23	8.8 B	22.0 B	12.1 B	14.6	8.0	7.2	8.2	10.0	8.3	8.4	8.8 B	9.6 B	23
24	8.4 B	14.3 B	11.6 B	13.7	8.2	7.2	8.2	7.4	8.2	8.7	8.8 B	15.7 B	24
25	8.4 B	12.2 B	12.4 B	13.2	9.8	10.5	7.8	7.4	7.8	11.9	8.9	13.2 B	25
26	8.4 B	11.9	11.5 B	13.3	9.2	8.9	10.5	7.8	7.7	9.7	9.0	11.4 B	26
27	8.0 B	22.2	11.2 B	12.3	10.3	9.4	9.2	13.0	7.8	9.1	10.6	10.3 B	27
28	8.0 B	20.7	11.5	12.5	9.1	58.5	7.7	11.0	8.1	8.8	11.4	10.8	28
29	8.0 B		11.5	14.1	8.5	10.0	8.1	9.3	8.1	8.6	10.3	9.8	29
30	8.0 B		12.2	12.6	8.4	8.0	7.6	7.7	7.6	8.4	9.6 B	9.3 B	30
31	8.0 B		13.7 B		8.0		7.5	7.6		8.3		9.3 B	31
TOTAL	316.5	344.2	433.3	1166.5	285.0	328.0	286.2	236.3	254.1	266.3	288.9	403.2	TOTAL
MEAN	10.2	12.29	13.97	38.88	9.19	10.93	9.23	7.62	8.47	8.59	9.63	13.0	MEAN
AC-FT	627.77	682.72	859.45	2313.75	565.29	650.58	567.67	468.7	504.0	528.2	573.03	799.74	AC-FT
MAX	28.1	36.0	23.0	113.0	13.6	98.5	57.0	13.0	22.0	12.4	11.7	26.8	MAX
MIN	8.0	8.0	10.0	12.3	7.9	7.2	6.5	6.6	7.1	7.4	8.3	9.1	MIN

SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 12.6 CFS
TOTAL DISCHARGE, 9140 AC-FT
MAXIMUM DAILY DISCHARGE, 113 CFS
MINIMUM DAILY DISCHARGE, 6.5 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT
1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.1 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

BOWMANVILLE CREEK (HAYDON TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD214

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	9.2 B	8.8 B	6.5 B	26.0	15.7	11.0	10.7	7.8	6.5	11.5	10.7	11.2	01
02	9.2 B	8.9 B	6.5 B	33.6	21.0	11.4	9.5	10.2	9.0	11.0	15.1	10.3 B	02
03	9.2 B	9.0 B	13.2 B	45.8	28.5	10.2	10.2	11.2	8.0	9.9	14.0	10.3 B	03
04	9.0 B	9.1 B	7.1 B	46.1 B	16.9	10.0	9.9	8.6	8.3	9.7	11.6	11.6 B	04
05	8.9 B	9.3 B	7.4 B	29.5 B	15.2	9.2	8.7	8.1	8.2	9.4	12.1	17.1 B	05
06	9.0 B	9.3 B	7.4 B	20.4 B	16.8	9.3	8.3	8.2	8.3	11.5	10.7	32.9	06
07	9.3 B	9.3 B	7.7 B	15.8 B	16.6	9.1	8.1	13.2	13.0	14.2	11.2	16.1 B	07
08	9.3 B	9.4 B	12.6 B	14.4 B	14.1	9.3	8.0	15.2	15.3	10.7	29.0	14.0 B	08
09	9.4 B	9.4 B	9.2 B	16.8 B	12.9	10.8	8.1	16.4	9.6	10.4	18.3	11.2	09
10	9.7 B	9.4 B	9.1 B	30.8	11.8	9.1	9.2	10.7	9.1	9.9	13.5	11.2	10
11	10.3 B	9.3 B	9.1 B	115.0	11.4	8.5	8.9	9.4	9.0	9.8	13.0	10.7 B	11
12	9.6	9.3 B	9.6 B	113.0	11.0	8.9	8.3	9.7	8.8	9.9	12.5	15.6 B	12
13	9.9	11.8 B	10.0 B	207.0	10.7	9.3	9.3	9.4	9.4	9.8	11.6	58.4 B	13
14	9.1 B	17.1 B	8.5 B	125.0	14.4	9.4	10.2	9.4	9.2	10.0	11.2	20.4	14
15	9.1 B	11.6 B	7.5 B	66.0	18.6	9.5	13.8	8.9	8.9	11.7	10.7	42.1 B	15
16	9.0 B	9.8 B	8.9 B	54.0	16.1	8.8	17.1	8.8	8.8	10.5	10.3	10.7 B	16
17	8.9 B	8.9 B	13.1 B	114.0	15.8	8.4	10.1	9.6	8.5	10.1	10.7	10.7 B	17
18	9.4 B	8.0 B	13.5 B	61.1	13.5	8.5	9.1	9.2	8.5	9.8	11.2	10.7 B	18
19	12.7 B	7.7 B	11.5 B	43.6	12.1	8.5	9.0	8.3	8.2	9.7	11.2	10.7 B	19
20	9.3 B	7.4 B	10.9 B	41.3	11.4	8.6	9.0	8.1	8.1	9.6	11.6	10.7 B	20
21	8.2 B	7.4 B	10.6	29.1	10.9	9.9	8.9	8.2	8.0	9.8	10.7	10.7 B	21
22	8.8 B	7.4 B	21.3	39.0	10.0	16.8	8.5	10.9	7.8	13.5	9.8	10.7 B	22
23	12.9 B	7.4 B	23.0	33.9	9.6	20.1	11.4	14.1	7.8	36.3	9.8	11.2	23
24	9.5 B	7.4 B	18.8	25.0	9.3	22.2	9.7	10.1	9.3	17.1	10.3	11.6	24
25	8.9 B	7.1 B	16.2 B	20.7	9.3	13.4	9.6	8.8	9.1	13.5	11.2	12.1	25
26	8.8 B	7.1 B	14.4 B	18.8	8.9	11.7	8.7	24.9	12.6	11.6	19.0	12.5	26
27	8.8 B	7.1 B	13.0 B	17.8	8.9	11.9	8.4	13.3	10.6	10.7	17.6	12.5	27
28	8.8 B	6.8 B	12.2 B	17.0	8.8	10.2	7.9	9.8	9.2	11.6	13.5	11.6 B	28
29	9.0 B	6.8 B	12.8	16.9	8.7	9.7	7.7	9.1	10.1	18.3	11.6	10.7 B	29
30	9.2 B		16.9	15.9	10.2	12.2	7.6	8.7	19.6	13.5	10.3	10.7 B	30
31	9.1 B		20.5		12.0		7.6	8.6		11.2		25.3 B	31
TOTAL	291.5	257.3	369.0	1453.8	411.1	325.9	291.5	326.9	289.4	376.2	384.0	456.2	TOTAL
MEAN	9.4	8.87	11.9	48.46	13.26	10.86	9.4	10.54	9.64	12.13	12.8	14.71	MEAN
AC-FT	578.19	510.35	731.91	2883.61	815.41	646.42	578.19	648.4	574.02	746.19	761.66	904.87	AC-FT
MAX	12.9	17.1	23.0	207.0	28.5	22.2	17.1	24.9	19.6	36.3	29.0	58.4	MAX
MIN	8.2	6.8	6.5	14.4	8.7	8.4	7.6	7.8	7.8	9.4	9.8	10.3	MIN

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 14.3 CFS
TOTAL DISCHARGE, 10400 AC-FT
MAXIMUM DAILY DISCHARGE, 207 CFS
MINIMUM DAILY DISCHARGE, 6.5 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT
1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.1 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

BOWMANVILLE CREEK (HAYDON TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD214

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	36.3 B	11.2 B	8.5 B	150.0	12.2	11.8	7.7	13.1	8.4	7.9	20.1	8.6	01
02	23.4 B	57.2 B	8.9 B	49.6	14.4	10.2	7.4	9.0	7.9	8.9	13.1	7.9	02
03	18.0 B	39.3	18.3 B	48.4	22.1	9.4	7.1	8.0	7.6	13.6	12.1	8.6	03
04	22.4	17.8	71.8 B	29.5	14.0	9.3	7.0	7.3	7.3	6.9	9.3	9.3	04
05	17.6 B	13.8 B	33.8 B	33.0	12.5	11.2	8.7	7.2	7.3	9.7	8.6	11.3	05
06	13.0 B	13.0 B	80.0	19.3	10.9	10.3	7.1	7.0	7.4	8.6	8.6	9.7	06
07	10.7 B	12.4 B	73.4	15.9	9.9	16.5	7.0	7.1	7.1	8.6	8.9	8.6	07
08	9.8 B	10.3 B	40.4	14.2	13.8	10.5	6.8	7.2	7.0	8.2	9.3	7.9	08
09	8.9 B	9.8 B	19.7	12.9	30.1	9.8	6.5	7.3	7.2	8.2	8.6	8.6	09
10	8.9 B	9.8 B	21.2	13.6	16.5	8.9	6.5	8.1	7.2	8.2	7.9	8.6	10
11	8.5 B	9.8 B	72.8	13.7	27.2	8.6	6.7	7.7	7.2	8.2	8.2	8.2	11
12	8.5 B	9.8 B	40.9	12.4	15.6	8.4	6.7	7.1	7.2	8.2	8.6	7.9	12
13	8.0 B	9.4 B	23.6	11.8	13.2	8.2	6.8	7.2	7.3	9.3	8.6	7.9	13
14	8.0 B	9.4 B	22.7	11.5	12.3	7.9	8.2	7.0	7.4	10.9	8.6	8.2 B	14
15	8.5 B	9.4 B	28.6	11.6	12.2	7.9	6.9	7.0	7.4	8.6	17.7	8.6 B	15
16	8.9 B	9.4 B	23.7	11.4	11.6	7.9	6.8	6.9	7.4	8.9	14.5	8.6 B	16
17	8.9 B	9.4 B	73.9	12.1	12.8	8.1	6.6	6.8	7.7	9.3	9.7	8.6 B	17
18	13.5 B	8.9 B	17.1	11.3	10.9	9.1	6.5	24.7	12.4	9.3	9.3	8.9 B	18
19	48.2	8.9 B	15.1	11.6	10.1	8.7	6.5	10.8	8.5	9.7	9.3	8.9 B	19
20	27.5 B	8.9 B	15.1	11.1	9.9	8.2	6.8	8.5	8.4	11.7	8.6	9.3 B	20
21	20.4 B	8.9 B	14.5	10.6	9.7	8.0	7.0	8.1	8.1	8.9	9.7	9.3 B	21
22	26.0 B	8.9 B	14.5	13.2	9.1	8.0	6.6	7.9	10.2	8.6	12.1	9.3 B	22
23	46.6	8.9 B	18.8	12.3	8.8	7.8	6.2	7.6	11.8	8.2	9.3	9.3 B	23
24	20.8	8.9 B	24.8	10.8	8.9	9.5	6.2	7.8	10.5	8.2	10.5	9.3 B	24
25	16.4 B	8.9 B	22.4	9.9	8.4	8.6	6.7	7.8	8.9	8.2	12.1	18.9 B	25
26	15.3	8.5 B	21.2	9.6	9.9	7.7	7.7	7.8	8.7	7.9	9.3	18.9 B	26
27	15.8	8.5 B	16.2	11.5	10.0	7.6	8.6	7.9	8.3	7.9	9.3	25.0 B	27
28	15.4	8.5 B	15.0	27.9	27.3	9.4	8.8	7.7	8.2	8.2	18.3	10.9 B	28
29	12.5 B		17.4	17.6	15.4	11.7	10.7	7.3	8.0	13.1	14.5	9.7 B	29
30	11.6 B		34.0	12.1	11.7	8.1	7.6	7.2	7.9	17.1	10.9	9.7 B	30
31	11.2 B		27.0		15.8		7.4	10.8		13.5		8.9 B	31
TOTAL	529.5	357.9	935.3	640.4	427.2	277.3	223.8	262.9	245.9	292.7	325.6	313.4	TOTAL
MEAN	17.08	12.78	30.17	21.34	13.78	9.24	7.21	8.48	8.19	9.44	10.85	10.1	MEAN
AC-FT	1050.26	709.89	1855.16	1270.23	847.35	550.02	443.9	521.46	487.74	580.57	645.82	621.62	AC-FT
MAX	48.2	57.2	80.0	150.0	30.1	16.5	10.7	24.7	12.4	17.1	20.1	25.0	MAX
MIN	8.0	8.5	8.5	9.6	8.4	7.6	6.2	6.8	7.0	6.9	7.9	7.9	MIN

SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 13.2 CFS
TOTAL DISCHARGE, 9580 AC-FT
MAXIMUM DAILY DISCHARGE, 150 CFS
MINIMUM DAILY DISCHARGE, 6.2 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT
1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.1 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	13.4 B	17.6 B	42.5 E	46.1	16.9	9.5	10.6	8.1	7.5	8.1	8.7	8.8 B	01
02	13.1 B	16.9 B	16.1 E	77.0	11.7	9.0	9.3	8.2	7.4	8.2	8.5	14.5 B	02
03	13.7 B	16.4 B	13.5 E	40.9	12.0	8.6	66.5	7.9	10.2	8.0	8.6	10.3 B	03
04	14.2 B	16.1 B	63.0 E	116.0	11.9	8.6	15.2	8.8	8.3	7.5	10.0	9.6 B	04
05	13.0 B	15.9 B	143.0 E	30.4	11.3	8.5	10.7	8.2	7.6	8.0	9.5	9.4 B	05
06	13.8 B	15.8 B	72.0	19.6	15.4	8.3	9.3	7.5	7.5	7.8	9.8	9.4 B	06
07	13.8 B	15.1	65.5	19.4	13.4	8.1	8.4	7.1	7.4	9.3	8.7	9.3	07
08	13.5 B	15.1 B	28.4	16.0	12.5	8.1	7.8	6.9	7.4	8.5	8.1	15.4	08
09	13.6 B	15.2 B	20.8	14.4	21.0	8.1	7.6	7.2	7.4	8.4	8.3	13.7 B	09
10	13.6 B	15.2 B	18.8 B	14.5	16.0	8.3	9.2	7.3	7.7	8.3	8.5	10.0 B	10
11	13.6 B	15.0 B	17.9 B	15.4	13.0	8.3	7.6	6.9	7.8	8.0	8.5	9.5	11
12	13.6 B	14.8 B	17.1 B	18.9	74.2	8.4	7.2	7.7	8.8	8.5	13.6	12.7	12
13	13.6 B	14.7 B	16.8 B	23.7	26.8	8.1	6.9	7.8	9.1	8.3	11.8	12.5	13
14	13.6 B	14.6 B	16.5 B	44.4	17.5	8.4	7.2	7.0	7.6	14.7	12.5	11.4	14
15	13.6 B	14.5 B	15.8 B	33.9	26.1	13.7	7.5	6.6	7.3	10.5	10.2	10.1	15
16	13.6 B	14.5 B	15.8	18.0	29.5	14.5	6.8	6.6	7.0	8.8	9.2	11.0	16
17	13.7 B	14.6 B	15.2 B	16.1	67.0	9.9	6.8	6.8	7.4	9.3	10.3	12.8	17
18	14.2 B	14.7 B	15.7 B	15.1	18.5	11.9	7.2	6.7	7.8	8.5	9.7	11.7	18
19	14.9 B	14.7 B	15.7 B	13.5	14.3	21.3	7.1	6.4	7.0	8.0	9.3	10.5	19
20	32.4 B	14.7 B	15.2 B	13.0	12.5	19.5	6.6	6.4	7.1	7.8	21.3	10.0	20
21	128.0	14.7 B	15.0	13.2	11.8	11.4	6.5	6.5	7.0	8.2	23.0	10.0	21
22	101.0 B	110.0 B	14.7 B	24.8	11.4	9.7	6.5	6.4	7.2	8.7	11.8	10.0	22
23	50.5 B	143.0 B	15.1	26.1	11.5	8.7	7.0	6.6	7.1	8.7	10.6	10.2	23
24	26.7 B	73.8 B	15.6 B	20.3	10.8	8.5	7.6	7.2	7.1	8.3	13.1	10.6	24
25	14.3	47.5 B	16.8 B	15.5	11.6	8.7	7.6	6.6	9.1	8.3	10.5	10.4	25
26	13.6	42.6 B	16.7 B	13.9	10.7	8.6	8.0	6.5	8.5	8.2	9.1 B	10.0 B	26
27	124.0	38.2 B	16.8 B	13.3	11.2	8.2	8.4	16.5	7.5	7.9	8.8 B	9.7 B	27
28	42.6	92.5 B	14.9	12.4	11.4	7.8	7.4	8.7	9.5	8.0	8.9	9.8	28
29	22.8		14.6 B	14.8	14.4	15.8	9.6	7.9	14.8	8.2	9.1 B	10.0	29
30	21.5		15.2	14.4	11.0	14.4	12.8	7.6	9.6	9.5	9.0 B	10.0	30
31	27.5 B		36.5		10.2		9.1	7.7		9.2		9.7 B	31
TOTAL	865.0	868.4	837.2	774.9	567.5	310.9	316.0	234.3	242.7	268.5	319.0	333.0	TOTAL
MEAN	27.9	31.01	27.0	25.83	18.3	10.36	10.19	7.55	8.09	8.66	10.63	10.74	MEAN
AC-FT	1715.72	1722.47	1660.58	1537.01	1125.63	616.67	626.78	464.73	481.39	532.56	632.73	660.5	AC-FT
MAX	128.0	143.0	143.0	116.0	74.2	21.3	66.5	16.5	14.8	14.7	23.0	15.4	MAX
MIN	13.0	14.5	13.5	12.4	10.2	7.8	6.5	6.4	7.0	7.8	8.1	8.8	MIN

SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 16.3 CFS
TOTAL DISCHARGE, 11800 AC-FT
MAXIMUM DAILY DISCHARGE, 143.0 CFS
MINIMUM DAILY DISCHARGE, 6.4 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT
1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.0 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

BOWMANVILLE CREEK (HAYDON TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD214

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	9.7	11.9 B	14.3 B	12.0	10.6	15.5	7.4	7.5	9.4	10.3	13.0	17.8	01
02	9.6 B	10.8 B	14.1 B	11.3	10.4	10.2	7.4	7.4	8.8	9.0	11.3	10.6 B	02
03	9.5 B	10.0 B	13.5 B	11.7 B	10.0	10.2	7.3	8.2	7.8	8.7	10.9	10.3 B	03
04	9.6	9.8 B	13.1 B	12.3 B	17.5	9.5	7.3	8.4	8.0	8.7	10.2	10.6 B	04
05	9.4	9.7 B	12.9 B	12.3 B	28.4	9.9	7.2	7.5	7.8	8.6	9.4	11.1 B	05
06	9.2	9.8 B	12.4 B	12.4 B	14.9	10.4	7.6	7.4	8.0	8.5	9.5	21.8	06
07	9.4	10.0 B	12.2 B	12.5 B	12.0	9.4	7.5	7.3	7.6	8.4	9.7	12.7 B	07
08	10.1	9.9 B	11.7 B	12.8 B	10.2	9.3	7.4	7.2	7.8	8.5	10.2	10.7 B	08
09	36.7	9.9 B	11.3 B	14.5 B	9.5	8.9	7.7	7.2	7.4	8.7	9.6	10.7 B	09
10	23.7	9.8 B	11.3 B	15.7	9.0	8.6	7.4	7.1	7.4	9.6	29.5	10.7 B	10
11	48.8	9.8 B	11.0 B	17.1	8.8	8.4	8.9	8.0	8.5	9.1	12.9	10.7 B	11
12	13.6 B	9.8 B	15.9 B	17.0	9.0	15.5	7.8	7.5	17.1	9.0	10.5	10.7 B	12
13	10.0 B	9.9 B	20.3 B	17.9	9.1	11.2	8.1	7.5	9.8	10.5	10.1	10.6 B	13
14	10.0 B	9.9 B	15.3 B	23.6	8.4	10.4	7.7	7.4	9.2	9.3	9.6	12.5	14
15	10.0 B	9.7 B	13.9 B	26.7	8.6	9.9	7.7	7.1	8.6	9.1	9.3	39.3	15
16	10.0 B	9.6 B	19.7 B	27.9	10.7	14.3	7.6	7.1	8.6	8.8	9.3	14.4 B	16
17	10.0 B	16.9 B	52.6	29.8	9.1	9.6	7.5	7.1	8.5	9.9	9.1	10.3 B	17
18	10.0 B	48.8 B	67.5	31.4	8.8	9.6	7.5	7.1	9.8	11.4	9.1	10.0 B	18
19	10.0 B	38.3 B	162.0	156.0	8.8	19.0	11.4	7.0	27.2	10.0	9.1	10.0 B	19
20	10.0 B	13.2 B	85.5	27.9	8.6	11.7	19.9	7.0	13.3	10.3	9.1	10.0 B	20
21	10.0 B	9.0	23.6	16.7	10.8	9.4	14.4	7.0	10.7	9.9	10.4	9.5 B	21
22	10.0 B	10.0	64.1	13.6	9.1	8.5	8.7	7.4	9.5	9.4	9.8	9.5 B	22
23	9.6 B	29.3	28.5	13.7	8.4	8.5	7.9	7.2	9.0	9.2	9.1	9.5 B	23
24	9.4 B	233.0	33.5	31.7	8.1	8.5	8.7	14.8	8.8	9.2	9.0	9.1 B	24
25	23.9 B	62.5	46.1	16.6	8.0	7.9	8.3	9.8	8.7	9.2	9.0	9.1 B	25
26	42.3 B	20.0	17.9 B	13.7	8.9	7.6	7.6	8.7	9.1	9.1	8.9	9.1 B	26
27	15.8 B	15.9	14.8 B	11.8	9.8	7.6	7.8	8.1	10.0	15.6	8.7 B	8.7 B	27
28	14.7 B	14.6	12.5 B	11.2	8.1	7.6	8.0	7.4	8.9	9.9 E	13.8	8.3 B	28
29	14.2 B		15.7	10.5	7.9	7.6	7.4	8.0	8.7	9.8 E	11.2	8.3 B	29
30	13.6 B		13.1	10.2	14.7	7.5	7.3	11.1	8.6	9.7 E	18.0	15.3 B	30
31	13.0 B		12.1 B		18.5		7.6	8.7		9.5		36.4 B	31
TOTAL	455.8	670.8	872.4	652.5	334.7	302.2	262.0	246.2	291.7	291.3	336.2	398.3	TOTAL
MEAN	14.7	23.95	28.14	21.75	10.79	10.07	8.45	7.94	9.72	9.39	11.2	12.84	MEAN
AC-FT	904.07	1330.53	1730.4	1294.23	663.87	599.41	519.67	488.33	578.58	577.79	666.85	790.02	AC-FT
MAX	48.8	233.0	162.0	156.0	28.4	19.0	19.9	14.8	27.2	11.4	29.5	34.3	MAX
MIN	9.2	9.0	11.0	10.2	7.9	7.5	7.2	7.0	7.4	8.4	8.9	8.3	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 14.0 CFS
TOTAL DISCHARGE, 10100 AC-FT
MAXIMUM DAILY DISCHARGE, 233 CFS
MINIMUM DAILY DISCHARGE, 7.0 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT
1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.1 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

BOWMANVILLE CREEK (HAYDON TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD214

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	9.4 B	7.3 B	29.7 B	38.6	11.6	15.7	12.8	12.1	9.2	8.7	7.9		01
02	9.3 B	7.4 B	20.0 B	22.1	11.8	12.3	10.6	9.3	9.3	8.7	7.7		02
03	9.2 B	7.3 B	20.0 B	18.9	14.7	12.2	10.4	9.2	9.3	8.7	7.8		03
04	9.1 B	7.2 B	17.9	14.9	11.8	12.0	10.2	9.3	9.3	8.6	7.8		04
05	8.9 B	7.4 B	61.3	11.9	11.7	11.8	10.2	9.2	9.1	8.5	7.8		05
06	8.7 B	7.4 B	61.1	11.5	14.2	11.7	10.1	9.0	9.1	8.5	7.8		06
07	8.5 B	7.7 B	23.8 B	11.4	44.7	11.7	10.0	9.2	9.0	10.2	7.8		07
08	8.3 B	7.5 B	12.8 B	11.3	19.1	11.8	10.0	9.0	9.0	9.3	7.6		08
09	8.0 B	7.5 B	10.1 B	10.9	12.0	11.8	9.8	9.0	8.9	9.3	8.8		09
10	8.7 B	7.6 B	9.3 B	11.2	11.7	11.9	9.6	9.1	9.3	9.9	9.3		10
11	7.6 B	7.6 B	8.4 B	11.1	12.6	12.1	11.1	9.1	9.3	9.1	9.3		11
12	7.3 B	7.7 B	8.1 B	11.0	13.2	12.0	10.0	8.9	9.1	9.0	9.1		12
13	7.2 B	7.7 B	17.8 B	11.0	11.6	11.9	9.7	9.7	8.9	9.1	9.0		13
14	6.9 B	7.7 B	13.7 B	10.8	11.5	18.9	9.6	10.0	8.8	9.0	8.8		14
15	7.0 B	9.3	9.8 B	20.8	11.5	12.3	9.5	9.2	9.0	8.9	8.8		15
16	6.8 B	18.2	9.1 B	40.6	45.9	12.3	9.5	9.0	9.0	8.8	8.7		16
17	6.3 B	17.4	9.0 B	14.0	72.7	12.3	9.3	9.0	9.1	8.8	8.6		17
18	6.7 B	22.4	8.5 B	11.8	18.3	11.7	9.3	8.8	8.8	8.6	8.5		18
19	6.5 B	58.7	12.8 B	11.7	22.9	11.7	9.2	8.9	9.0	8.6	8.5		19
20	6.5 B	23.4	123.0	11.6	18.3	11.5	9.2	9.0	9.2	8.6	8.5		20
21	6.6 B	16.7	177.0	11.7	11.8	11.1	9.1	9.0	8.9	9.8	8.9		21
22	6.5 B	39.5 B	24.1 B	13.4	11.7	12.1	9.2	8.9	8.8	8.9	9.2		22
23	6.4 B	23.3 B	30.7 B	12.8	11.5	11.4	9.2	9.1	8.9	8.9	9.1		23
24	6.4 B	16.8	48.3	12.1	11.8	11.2	9.1	9.0	8.7	8.7	8.6		24
25	6.3 B	17.1	55.7	35.7	11.6	14.3	9.1	9.0	8.6	8.9	8.7		25
26	20.7 B	36.9	21.4	30.2	11.8	11.0	9.2	9.0	8.6	8.7	9.9		26
27	14.7 B	63.5	45.9	21.8	11.8	11.0	9.1	9.1	9.2	8.5	14.6		27
28	11.0 B	43.1	21.4	14.8	11.6	10.7	8.9	9.2	8.9	8.3	9.4		28
29	9.0 B	32.0	9.8	12.1	11.9	11.1	10.5	9.2	8.7	8.2	10.7		29
30	8.2 B		12.6	11.9	11.8	22.6	9.7	9.3	8.6	8.2	48.3		30
31	7.9 B		68.1		23.8		17.5	9.0		8.2			31
TOTAL	259.1	545.3	1001.2	493.6	542.9	376.1	310.7	285.8	269.6	274.2	305.5		TOTAL
MEAN	8.35	18.8	32.29	16.45	17.51	12.53	10.02	9.21	8.98	8.84	10.18		MEAN
AC-FT	513.92	1081.6	1985.88	979.05	1076.84	745.99	616.27	566.88	534.75	543.87	605.95		AC-FT
MAX	20.0	63.5	177.0	40.6	72.7	22.6	17.5	12.1	9.3	10.2	48.3		MAX
MIN	6.3	7.2	8.1	10.8	11.5	10.7	8.9	8.8	8.6	8.2	7.6		MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 177 CFS
MINIMUM DAILY DISCHARGE, 6.3 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT
1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.1 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

BOWMANVILLE CREEK (HAYDON TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD214

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	12.0 B	10.0 B	10.0	14.6	9.9	7.5	8.7		6.2	25.1	10.7	82.7	01
02	12.0 B	10.0 B	10.2	21.1	9.6	7.7	8.7		28.2	20.1	11.3	34.0	02
03	12.0 B	10.0 B	10.2	41.4	9.6	7.7	8.7		13.1	14.7	11.6	23.1	03
04	12.0 B	10.0 B	28.8	15.6	9.4	7.8	8.8		9.6	12.4	11.5	19.3	04
05	12.0 B	10.0 B	175.0	40.2	9.3	7.5	9.1		9.0	11.4	11.6	17.9 B	05
06	12.0 B	10.0 B	32.3	15.9	9.6	7.4			8.7	10.9	12.1	17.5 B	06
07	11.5 B	10.0 B	17.5	14.9	9.5	7.7			8.4	10.0	33.8	17.3 B	07
08	11.5 B	10.0 B	16.0	15.5	9.4	7.9			8.4	21.1	59.5	16.7 B	08
09	11.5 B	10.0 B	71.9	23.2	9.5	8.0			8.2	44.3	18.2	16.4 B	09
10	11.5 B	10.0 B	99.9	14.3	9.3	8.0			8.6	18.2	46.4	16.0 B	10
11	11.5 B	9.8 B	69.9	14.0	9.1	7.8			7.9	12.9	30.7	15.5 B	11
12	11.5 B	9.8 B	57.4	13.4	9.1	8.0			7.9	13.0	16.9	15.3 B	12
13	11.0 B	9.8 B	183.0	13.1	8.9	8.1		6.0	10.8	11.3	14.6	15.1 B	13
14	11.0 B	9.8 B	38.4	12.9	8.8	8.1		5.6	12.1	10.7	12.4	96.0 B	14
15	11.0 B	9.8 B	24.5	12.5	8.6	7.8		4.2	8.7	10.3	11.7	63.1 B	15
16	11.0 B	9.8 B	22.0	12.2	8.4	7.7		12.3	12.6	11.3	27.4	34.6 B	16
17	11.0 B	9.8 B	13.2	11.8	8.3	7.7		17.4	13.9	10.0	52.0	25.4 B	17
18	11.0 B	9.6 B	12.0	11.5	8.5	8.3		7.0	9.8	9.4	32.7	22.9 B	18
19	10.5 B	9.6 B	16.2	11.3	8.1	8.1		6.3	9.2	9.5	22.3	21.1 B	19
20	10.5 B	9.6 B	12.2	11.3	6.2	7.9		7.0	18.6	9.4	16.7	20.5 B	20
21	10.5 B	9.6 B	13.3	11.0	8.1	8.0		6.3	13.6	9.1	17.5	23.6 B	21
22	10.5 B	9.6 B	13.1	14.6	7.9	8.0		14.4	10.6	9.5	15.2	21.4 B	22
23	10.5 B	9.6 B	13.8	20.4	7.8	7.8		7.1	9.5	9.3	18.7	19.6 B	23
24	10.5 B	104.0	13.8	18.3	7.5	7.8		9.6	9.0	9.4	25.7	18.6 B	24
25	10.5 B	292.0	32.8	16.1	7.6	8.7		6.4	28.4	9.7	18.0	39.0 B	25
26	10.5 B	12.9	28.4	10.7	7.7	8.5		5.9	23.6	9.9	34.3	24.9 B	26
27	10.5 B	10.1	13.5	10.4	7.4	7.9		5.8	14.9	10.0	16.3	17.1 B	27
28	10.5 B	10.0	16.5	10.2	7.4	8.1		5.7	11.7	9.9	14.3	16.6 B	28
29	10.5 B		26.0	10.1	7.4	10.6		5.5	10.5	10.0	14.4	13.6 B	29
30	10.5 B		19.9	9.9	7.6	8.7		5.8	10.0	10.2	14.8	13.5 B	30
31	10.5 B		19.7		7.4			5.3		10.3		13.4 B	31
TOTAL	343.5	655.2	1131.4	472.4	264.9	240.8			361.7	403.3	653.3	810.3	TOTAL
MEAN	11.08	23.4	36.49	15.74	8.54	8.02			12.05	13.0	21.77	26.13	MEAN
AC-FT	681.33	1299.58	2244.13	937.0	525.42	477.62			717.43	799.94	1295.82	1607.23	AC-FT
MAX	12.0	292.0	183.0	41.4	9.9	10.6			28.4	44.3	59.5	95.0	MAX
MIN	10.5	9.6	10.0	9.9	7.4	7.4			6.2	9.1	10.7	13.4	MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 299.0 CFS
MINIMUM DAILY DISCHARGE, 4.2 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT
1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.0 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	13.3 B	13.5 B	9.2 B	150.0	13.2	8.0							01
02	12.8 B	12.9 B	9.1 B	89.2	13.1	8.1							02
03	12.6 B	12.6 B	9.1 B	40.7	12.3	7.5							03
04	12.6 B	12.2 B	9.1 B	37.5	11.6	7.4							04
05	12.1 B	11.8 B	8.9 B	73.1	13.5	8.4							05
06	11.8 B	11.7 B	9.0 B	64.8	14.8	8.4							06
07	13.9 B	11.3 B	8.9 B	156.0	14.9	8.4							07
08	48.8 B	11.0 B	9.0 B	51.8	12.7	10.1							08
09	49.1 B	10.7 B	9.0 B	40.9	25.0	9.1							09
10	22.9 B	10.3 B	9.0 B	35.4	16.3	8.8							10
11	18.6 B	10.3 B	9.1 B	84.8	13.5	8.3							11
12	16.3 B	10.0 B	9.2 B	64.0	14.1	8.6							12
13	15.2 B	9.7 B	9.2 B	58.9	16.3	16.0							13
14	14.0 B	9.2 B	16.0	37.2	77.4	10.4							14
15	13.3 B	9.0 B	18.5	29.3	42.4	10.1							15
16	12.9 B	8.9 B	14.9	29.6	22.5								16
17	12.2 B	9.0 B	13.7	28.6	20.4								17
18	11.9 B	9.1 B	13.0	28.3	18.9								18
19	11.5 B	9.2 B	12.3	42.5	17.0								19
20	10.7 B	9.3 B	12.7	74.5	22.4								20
21	10.3 B	9.3 B	31.0	54.1	29.8								21
22	9.9 B	9.2 B	38.3	29.0	15.9								22
23	9.5 B	9.1 B	44.7	23.1	14.0								23
24	11.1 B	9.2 B	42.1	21.2	12.5								24
25	15.9 B	9.1 B	25.4	19.2	11.7								25
26	33.0 B	9.1 B	19.5	17.8	10.2								26
27	30.0 B	9.0 B	17.4	16.2	9.5								27
28	26.0 B	9.2 B	16.8	15.3	9.2								28
29	18.1 B		19.2	14.1	8.6								29
30	15.3 B		30.2	13.2	7.6								30
31	14.3 B		55.2		8.2								31
TOTAL	539.9	284.9	558.7	1440.3	549.5								TOTAL
MEAN	17.41	10.17	18.02	48.01	17.72								MEAN
AC-FT	1070.89	565.09	1108.18	2856.83	1089.93								AC-FT
MAX	49.1	13.5	55.2	156.0	77.4								MAX
MIN	9.5	8.9	8.9	13.2	7.6								MIN

SUMMARY FOR THE YEAR 1978

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 156.0 CFS
MINIMUM DAILY DISCHARGE, 7.6 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT
1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.0 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.
STATION DISCONTINUED JUNE 1978.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

SOPER CREEK NEAR TYRONE - STATION NO. 02HD221

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01				3.0	1.7	1.4	1.3	1.1	1.0	1.1	0.95	1.7 E	01
02				2.5	1.6	1.4	1.2	0.98	1.1	1.1	0.96	1.8 E	02
03				2.3	1.6	1.3	1.2	0.98	1.1	1.5	0.96	1.9 E	03
04				6.1	1.5	1.3	1.2	0.96	1.1	1.1	0.96	3.5	04
05				2.9	1.4	1.2	1.2	0.95	1.2	1.1	0.96	2.4	05
06				2.3	1.3	1.2	1.2	1.3	4.0	1.1	0.97	1.7	06
07				2.3	1.3	1.2	1.2	1.0	1.3	1.2	1.2	1.6	07
08				2.2	1.3	1.2	1.2	1.4	1.2	1.1	1.1	1.4 B	08
09				2.0 E	1.9	1.2	1.2	1.2	1.1	1.1	1.2	1.3 B	09
10				2.0 E	1.6	1.2	1.2	1.0	1.1	1.1	1.2	1.3 B	10
11				1.9 E	1.4	1.2	1.1	1.0	1.3	1.1	1.1	1.3 B	11
12				1.9 E	2.0	1.3	1.1	1.0	1.2	1.1	1.1	1.5	12
13				1.8 E	1.5	1.2	1.1	1.0	1.1	1.0	1.1	3.7	13
14				1.8 E	1.4	1.2	1.1	0.99	1.1	1.0	1.1	2.0	14
15				1.8 E	1.5	1.2	1.0	0.98	1.1	1.0	1.4	1.4 B	15
16				1.7 E	2.6	1.2	1.1	1.0	1.1	1.0	1.2	1.3 B	16
17				1.7 E	2.1	1.2	1.0	1.3	1.1	1.0	1.1	1.3 B	17
18				1.6 E	1.5	1.2	1.0	1.0	1.1	1.1	1.5	1.3	18
19				1.6 E	1.5	1.3	1.1	1.0	1.1	1.1	1.7	1.3	19
20				1.5 E	4.4	1.2	1.0	1.2	1.1	1.1	1.2	1.3	20
21				1.5 E	2.0	1.2	0.99	1.0	1.1	1.1	1.2	1.4	21
22				1.5 E	1.6	1.4	0.99	2.2	1.1	1.1	1.4	1.4	22
23			4.4 E	1.4 E	1.4	1.2	0.99	1.3	1.1	1.1	1.4	1.5	23
24			5.0 E	1.8	1.3	1.3	1.0	1.1	1.1	1.0	2.0	1.5	24
25			5.1 E	1.8	1.3	1.3	1.0	1.1	1.1	1.0	1.4	1.4 B	25
26			5.2 E	1.8									
26			7.5 E	1.6	1.3	2.2	0.98	1.1	1.1	1.0	1.3	1.4 B	26
27			7.0	1.4	1.2	1.5	1.0	1.1	1.1	1.0	1.3	1.4 B	27
28			6.5	1.4	1.2	1.8	1.0	1.0	1.1	1.0	5.1	1.4	28
29			4.8	1.4	2.5	1.4	0.98	1.0	1.1	0.97	2.0	1.4	29
30			3.7	1.4	1.7	1.3	0.98	1.0	1.1			1.4	30
31			3.4		1.4		1.0	1.0		0.95		1.4	31
TOTAL				60.1	52.0	39.4	33.61	34.24	36.5	33.82	43.66	50.6	TOTAL
MEAN				2.0	1.67	1.31	1.08	1.1	1.21	1.09	1.45	1.63	MEAN
AC-FT				119.2	103.14	78.14	66.66	67.91	72.39	67.08	86.59	100.36	AC-FT
MAX				6.1	4.4	4.2	1.3	2.2	4.0	1.7	5.1	3.7	MAX
MIN				1.4	1.2	1.2	0.98	0.95	1.0	0.95	0.95	1.3	MIN

SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 7.5 CFS
MINIMUM DAILY DISCHARGE, 1.0 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION
ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 1.9 SQUARE MILES.
REMARKS: OVAL STEEL ROAD CULVERT ACTS
AS A BROAD-CRESTED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

SOPER CREEK NEAR TYRONE - STATION NO. 02HD221

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.4	3.4	1.5	2.4	2.1	1.5	1.5	1.9	1.3	1.3	1.4	1.5	01
02	1.4	2.5	1.6	11.7	2.0	2.7	1.4	1.7	1.3	1.3	3.8	1.6	02
03	1.4	2.3	1.8	3.1	2.5	2.9	1.5	1.4	1.3	1.3	2.3	1.5	03
04	1.4	1.9 B	1.6	3.7	2.0	2.3	1.4	1.4	1.2	1.3	2.0	1.6	04
05	1.4	1.7 B	1.5 B	6.4	1.9	2.3	1.5	1.4	1.3	1.3	1.8	1.2	05
06	1.5	1.6	1.4	3.3	1.8	2.1	1.4	1.4	1.3	1.3	1.7	1.2	06
07	1.5	1.5	1.4	3.2	1.9	1.9	1.4	1.4	1.3	1.3	1.6	1.2	07
08	1.5	1.5	1.4	2.9	3.1	1.7	1.3	1.4	1.3	1.4	1.6	1.6	08
09	1.5	1.5	1.5	3.1	2.9	1.6	1.3	1.4	1.3	1.3	1.6	1.4	09
10	1.5	1.5 B	1.5	4.6	2.8	1.5	1.3	1.3	1.3	1.3	1.6	1.3	10
11	1.5	1.5	1.4 B	2.8	3.8	1.5	2.1	1.3	1.3	1.3	1.5	3.2	11
12	1.5	1.5	1.4 B	2.4	2.6	1.5	1.5	1.3	1.3	1.3	1.5	1.8	12
13	1.5	1.5 B	1.4	2.3	2.5	1.7	1.4	1.3	1.3	1.5	1.6	1.5	13
14	1.5	1.4 B	1.4	2.3	2.2	1.5	1.3	1.3	1.2	1.8	2.6	1.4	14
15	1.5	1.5 B	2.0	2.4	1.9	1.6	1.3	1.3	1.3	1.7	2.3	1.3	15
16	1.5	1.5	2.3	2.6	1.8	1.6	1.3	3.6	1.3	2.0	1.8	1.3	16
17	1.5	1.5	8.5	3.2	1.9	1.5	1.3	2.5	1.3	1.9	1.7	1.3	17
18	2.3 B	1.5	17.1	8.3	4.1	1.8	1.3	1.5	1.3	1.8	1.8	1.3	18
19	2.6 B	1.5	7.5	3.5	7.0	1.7	1.3	3.7	1.3	2.0	2.7	1.3	19
20	1.9 B	1.5	5.7	2.7	3.0	1.5	1.3	1.5	1.3	2.4	2.0	1.3 B	20
21	1.6	2.0	10.7	2.6	2.5	1.4	1.4	1.4	1.3	1.5	1.6	1.3	21
22	1.5	2.2	4.4	2.7	2.3	1.4	1.4	1.4	1.3	1.4	1.5	1.3 B	22
23	1.9	1.9	4.5	4.3	2.1	1.7	1.3	1.3	1.3	1.4	1.5	1.3 B	23
24	15.8	1.7	8.7	2.9	2.0	1.6	1.4	1.3	1.3	1.4	1.5	1.6 B	24
25	7.0 B	1.6	8.2	2.4	2.0	1.5	4.0	1.3	1.3	1.4	1.5	1.3 B	25
26	2.6 B	1.5	3.7	2.3	1.8	1.4	1.9	1.3	1.3	1.4	1.5	1.3	26
27	2.0 B	1.5	2.5	2.5	1.8	1.4	1.9	1.3	1.3	1.4	1.5	1.2	27
28	1.8 B	1.5	2.7	3.1	1.8	1.4	2.6	1.3	1.3	1.3	1.5	1.2	28
29	1.7 B		3.7	2.7	1.9	1.4	2.0	1.3	1.3	1.3	1.5	1.3	29
30	11.3		2.3	2.3	1.7	1.6	1.5	1.3	1.3	1.3	1.5	1.3	30
31	9.8		2.1		1.5		1.4	1.3		1.3		1.3	31
TOTAL	88.8	48.2	117.4	104.5	75.0	51.2	48.9	48.5	38.8	45.9	54.0	44.2	TOTAL
MEAN	2.86	1.72	3.78	3.49	2.41	1.7	1.57	1.56	1.29	1.48	1.8	1.42	MEAN
AC-FT	176.13	95.6	232.86	207.27	148.76	101.55	96.99	96.19	76.95	91.04	107.1	87.67	AC-FT
MAX	15.8	3.4	17.1	11.7	7.0	2.9	4.0	3.7	1.3	2.4	3.8	3.2	MAX
MIN	1.4	1.4	1.4	2.3	1.5	1.4	1.3	1.3	1.2	1.3	1.4	1.2	MIN

SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 2.1 CFS
TOTAL DISCHARGE, 1520 AC-FT
MAXIMUM DAILY DISCHARGE, 17.1 CFS
MINIMUM DAILY DISCHARGE, 1.2 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION
ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 1.9 SQUARE MILES.
REMARKS: OVAL STEEL ROAD CULVERT ACTS
AS A BROAD-CRESTED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

SOPER CREEK NEAR TYRONE - STATION NO. 02HD221

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.3	1.9	1.8	4.1	2.5	1.4	1.2	1.6	1.3	1.3	2.4	1.4	01
02	1.3	2.5	1.8	6.3	2.1	1.4	1.3	1.3	1.2	1.3	1.8	1.3	02
03	1.3	2.8 B	1.8	7.2	2.0	1.3	1.3	1.3	1.3	1.3	1.6	1.3	03
04	1.3	2.1 B	2.4	6.1	2.0	1.3	1.5	1.2	1.4	1.3	1.5	1.5	04
05	1.3	1.9	3.0	7.0	2.0	1.3	1.4	1.2	1.3	1.3	1.5	1.4	05
06	1.3	1.8	2.9	10.2	1.9	1.3	1.3	1.2	1.2	1.2	1.5	1.3	06
07	1.3	1.8	2.6	12.6	1.8	1.2	1.3	1.2	1.2	1.2	1.5	1.3 B	07
08	1.3 E	1.8	2.2 B	15.7	2.4	1.2	1.3	1.2	1.3	1.3	1.5	1.4	08
09	1.3 E	1.8	2.0 B	14.2	2.1	1.2	1.4	1.2	1.4	1.3	1.4	2.5	09
10	1.3	1.8	2.0 B	10.3	1.9	1.3	2.2	1.2	1.3	1.3	2.1	1.9	10
11	1.3	1.8	1.9 E	8.3	1.8	1.5	1.6	1.2	1.2	1.3	1.9	1.5	11
12	1.4	1.8 B	1.9 E	7.3	1.7	1.3	1.5	1.2	1.2	1.4	2.6	1.4	12
13	1.4	1.7 B	2.0 E	5.6	1.7	1.2	1.4	1.2	1.3	1.4	1.9	1.4	13
14	1.4 B	1.8 B	2.3 E	6.0	1.6	1.2	1.5	1.2	1.3	1.5	1.7	1.4	14
15	1.4 B	1.7	2.0 E	5.3	2.0	1.2	1.7	1.2	1.3	1.4	1.7	1.4	15
16	1.5 B	1.7	1.9 E	4.7	4.1	1.2	1.6	1.2	1.3	1.3	1.3	1.4	16
17	1.6	1.7	2.0 E	4.8	3.4	1.3	1.4	1.2	1.3	1.3	1.3	1.4	17
18	1.6 B	1.8	3.3 E	4.7	2.2	1.3	1.4	1.2	1.4	1.5	1.3	1.4	18
19	1.4 B	1.7	5.9 E	4.2	1.9	1.2	1.4	1.5	1.3	1.3	1.2	1.4	19
20	1.6 B	1.7	6.4 E	11.0	1.7	1.2	3.0	1.3	1.3	1.3	2.5	1.4	20
21	1.3 B	1.8 B	6.9	5.1	1.6	1.2	1.7	1.3	1.3	2.0	1.5	1.4 B	21
22	1.7 B	1.8	7.9	3.4	1.8	1.2	1.4	1.3	1.3	2.0	1.4	1.4 B	22
23	1.7	1.8	7.5	3.0	1.7	1.2	1.3	1.2	1.3	1.5	1.3	1.4 B	23
24	1.8	1.8	8.2	4.1	1.6	1.2	1.3	1.2	1.2	1.4	1.3	1.4 B	24
25	1.8	1.8 B	8.9	3.6	1.8	1.2	1.3	1.2	1.6	1.4	1.3	1.4	25
26	1.8	1.8 B	10.0	2.9	2.1	1.3	1.3	1.3	1.7	1.4	1.3	1.4	26
27	1.8	1.8	9.4	2.5	1.6	1.6	1.3	1.2	1.4	1.4	1.4	1.4	27
28	1.8	1.8	5.9	2.3	1.5	1.2	1.3	1.2	1.3	1.4	1.8	1.4	28
29	2.3		4.0	2.2	1.4	1.2	1.2	1.2	1.3	1.4	1.4	1.4	29
30	2.2 B		3.4	2.2	1.4	1.2	1.3	1.8	1.3	1.9	1.4	1.4 B	30
31	1.9 B		3.4		1.4		1.3	1.4		3.3		1.4	31
TOTAL	47.7	52.0	127.6	186.9	60.5	38.0	45.4	39.3	39.5	45.4	48.3	44.8	TOTAL
MEAN	1.53	1.85	4.11	6.23	1.95	1.26	1.46	1.26	1.31	1.46	1.61	1.44	MEAN
AC-FT	94.61	103.14	253.09	370.71	120.0	75.37	90.05	77.95	78.34	90.05	95.8	88.86	AC-FT
MAX	2.3	2.8	10.0	15.7	4.1	1.6	3.0	1.8	1.7	3.3	2.6	2.5	MAX
MIN	1.3	1.7	1.8	2.2	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.3	MIN

SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 2.1 CFS
TOTAL DISCHARGE, 1540 AC-FT
MAXIMUM DAILY DISCHARGE, 15.7 CFS
MINIMUM DAILY DISCHARGE, 1.2 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION
ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 1.9 SQUARE MILES.
REMARKS: OVAL STEEL ROAD CULVERT ACTS
AS A BROAD-CRESTED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.4	1.5	2.4	3.5	2.5	1.3	1.3	1.2	1.2	1.2	1.3	1.3	01
02	1.4	1.5	2.1	13.5	2.5	1.4	1.2	1.2	1.2	1.2	1.3	1.3	02
03	1.4	1.5	2.0	7.6	2.2	1.8	1.2	1.2	1.2	1.2	1.3	1.3	03
04	1.5	1.5	1.8	3.9	2.1	1.4	1.2	1.2	1.2	1.2	1.3	1.3	04
05	1.8	2.1	1.8	3.8	2.0	1.3	1.3	1.2	1.2	1.2	1.3	1.3	05
06	1.5	1.8	1.7	5.8	1.9	1.3	3.3	1.2	1.2	1.2	1.3	1.7	06
07	1.4 B	1.7	1.8	10.2	1.8	1.3	1.4	1.2	1.5	1.2	1.3	1.7	07
08	1.4 B	1.7	1.7	8.4	1.9	1.6	1.4	1.2	1.2	1.2	1.3	1.5	08
09	1.5	1.6 B	1.6 B	15.0	1.9	1.4	1.3	1.2	1.2	1.4	1.3	2.0	09
10	1.5	1.6	1.6 B	10.0	1.7	1.3	1.2	1.2	1.2	1.4	1.4	2.4	10
11	1.5	1.6	1.6	9.8	1.7	1.3	1.2	1.2	1.2	1.3	1.3	1.9	11
12	1.5 B	1.6	1.6	8.2	1.9	1.3	1.2	1.2	1.2	1.3	1.4	1.5	12
13	1.5 B	1.6 B	1.6	12.9	1.7	2.1	1.3	1.2	1.2	1.3	1.4	1.4	13
14	1.5	1.6 B	1.6	6.3	1.5	1.4	1.3	1.2	1.2	1.4	1.3	1.4	14
15	1.5	1.6	2.7	5.4	1.5	1.3	1.2	1.2	1.2	1.3	1.4	2.4	15
16	1.5 B	1.6	3.6	5.4	1.5	1.3	1.2	1.2	1.2	1.3	1.3	1.8	16
17	1.5 B	1.6	2.7	4.8	1.5	1.3	1.3	1.2	1.2	1.3	1.3	1.5	17
18	1.5 B	1.6	2.4	4.8	1.4	1.3	1.2	1.2	1.2	1.3	1.3	1.4	18
19	1.6 B	1.5	2.4	4.6	1.4	1.3	1.2	1.2	1.2	1.3	1.4	1.4	19
20	1.6 B	2.0	2.1	4.0	1.5	1.3	1.2	1.2	2.1	1.3	1.4	1.5	20
21	1.6 B	2.0	1.9	3.6	1.4	1.3	1.2	1.2	1.4	1.3	1.4	1.5	21
22	1.6	1.7	1.8	3.2	1.4	1.3	1.2	1.2	1.3	1.3	1.3	1.4 B	22
23	1.6	2.0	1.8	2.9	1.4	1.2	1.3	1.2	1.3	1.3	1.3	1.4 B	23
24	1.6	1.8	1.7	2.8	1.4	1.3	1.3	1.2	1.2	1.3	1.3	1.7	24
25	1.6	1.7	1.7	2.7	1.5	1.5	1.3	1.2	1.2	1.4	1.3	1.5 B	25
26	1.8 B	1.8	1.7	2.6	1.4	1.3	1.6	1.3	1.2	1.3	1.3	1.4	26
27	1.7 B	3.6	1.7	2.4	1.6	1.4	1.3	1.4	1.2	1.3	1.4	1.4	27
28	1.6 B	3.4	1.8	2.5	1.4	2.0	1.3	1.3	1.2	1.3	1.4	1.5	28
29	1.5		1.7	2.7	1.4	1.3	1.3	1.3	1.2	1.3	1.4	1.4	29
30	1.6		1.8	2.4	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.4 B	30
31	1.5 B		2.1		1.3		1.2	1.2		1.3		1.4 B	31
TOTAL	47.7	50.8	60.5	175.7	51.4	41.9	41.3	37.8	37.3	39.9	40.0	48.0	TOTAL
MEAN	1.53	1.81	1.95	5.85	1.65	1.39	1.33	1.21	1.24	1.28	1.33	1.54	MEAN
AC-FT	94.61	100.76	120.0	348.5	101.95	83.1	81.91	74.97	73.98	79.14	79.34	95.2	AC-FT
MAX	1.8	3.6	3.6	15.0	2.5	2.1	3.3	1.4	2.1	1.4	1.4	2.4	MAX
MIN	1.4	1.5	1.6	2.4	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.3	MIN

SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 1.8 CFS
TOTAL DISCHARGE, 1330 AC-FT
MAXIMUM DAILY DISCHARGE, 15.0 CFS
MINIMUM DAILY DISCHARGE, 1.2 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION
ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 1.9 SQUARE MILES.
REMARKS: OVAL STEEL ROAD CULVERT ACTS
AS A BROAD-CRESTED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

SOPER CREEK NEAR TYRONE - STATION NO. 02HD221
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.4	1.5	1.5	4.0	2.9	1.7	1.5	1.4	1.3 E	1.5	1.7	1.7	01
02	1.4	1.5	1.6	4.7	3.8	1.8	1.4	1.7	1.3 E	1.5	2.2	1.6	02
03	1.4	1.6 B	1.5	6.1	4.7	1.5	1.4	1.5	1.3 E	1.5	1.9	1.6	03
04	1.4	1.5 B	1.5	5.7	3.1	1.5	1.4	1.4	1.3 E	1.5	1.8	1.5	04
05	1.4 B	1.5 B	1.5	3.7	2.8	1.4	1.4	1.4	1.3 E	1.4	1.8	1.5	05
06	1.4 B	1.5	1.5 B	3.0	3.2	1.5	1.4	1.4	1.3 E	1.7	1.7	3.9	06
07	1.4 B	1.5 B	1.6	2.5 B	2.9	1.4	1.4	1.7	1.4 E	1.7	1.7	2.0	07
08	1.4 B	1.5 B	1.7	2.4	2.6	1.5	1.4	1.7	2.4 E	1.5	3.4	1.8	08
09	1.5	1.5 B	1.6 B	2.6	2.4	1.6	1.4	1.9	1.6 E	1.5	2.2	1.8	09
10	1.5	1.5 B	1.6	4.7	2.2	1.4	1.5	1.5	1.4 E	1.5	1.9	1.8	10
11	1.5	1.5	1.6 B	17.4	2.1	1.4	1.4	1.4	1.3 E	1.5	1.9	1.7	11
12	1.4	1.5	1.7	20.5	2.1	1.4	1.4	1.5	1.3 E	1.5	1.8	2.0	12
13	1.4	2.0	1.7	37.1	2.0	1.4	1.6	1.4	1.3 E	1.5	1.8	2.7	13
14	1.4 B	2.3	1.6	18.9	2.6	1.5	1.5	1.5	1.2 E	1.5	1.7	2.8	14
15	1.4 B	1.9	1.6	11.3	2.7	1.4	2.5	1.4	1.2 E	1.5	1.7	2.2 B	15
16	1.4 B	1.7	1.9	10.3	2.4	1.4	2.0	1.4	1.2 E	1.5	1.7	2.1 B	16
17	1.4 B	1.6	2.3	16.4	2.3	1.4	1.5	1.5	1.2 E	1.5	1.7	2.0 B	17
18	1.4	1.6	2.3	11.3	2.5	1.4	1.5	1.4 E	1.2 E	1.5	1.7	1.9	18
19	1.9	1.6 B	1.9	8.1	2.1	1.4	1.4	1.3 E	1.2 E	1.5	1.7	1.9	19
20	1.6	1.6 B	1.8	7.7	1.9	1.4	1.4	1.3 E	1.2 E	1.5	1.7	1.9	20
21	1.5	1.6 B	1.7	5.2	1.8	1.5	1.4	1.3 E	1.4	1.5	1.6	1.9	21
22	1.6	1.5	4.4	6.3	1.7	1.8	1.6	1.3 E	1.4	1.9	1.6	1.9	22
23	2.8	1.5	4.1	5.4	1.6	2.6	1.6	1.9 E	1.4	3.6	1.6	1.9	23
24	1.8	1.5	2.8	4.3	1.6	2.5	1.4	1.6 E	1.4	2.1	1.6	1.9	24
25	1.9 B	1.5	2.4	3.8	1.5	1.8	1.5	1.6 E	1.4	1.9	1.7	2.0	25
26	1.5 B	1.5	2.1	3.6	1.5	1.7	1.4	1.3 E	1.7	1.7	2.4	2.0	26
27	1.5 B	1.5	2.0	3.4	1.5	1.7	1.4	1.9 E	1.4	1.7	2.2	2.0	27
28	1.5	1.5	1.9	3.3	1.5	1.5	1.4	1.6 E	1.4	1.8	1.9	1.9	28
29	1.5	1.5	2.1	3.2	1.5	1.5	1.4	1.5 E	1.5	2.3	1.8	1.8 B	29
30	1.5		2.8	3.0	1.7	1.7	1.4	1.3 E	2.2	1.9	1.7	1.8 B	30
31	1.5 B		3.2		1.7		1.4	1.3 E		1.8		5.6	31
TOTAL	47.6	46.0	63.5	239.9	70.9	47.7	46.3	46.3	42.1	52.5	55.8	71.1	TOTAL
MEAN	1.53	1.58	2.04	7.47	2.28	1.59	1.49	1.49	1.4	1.69	1.86	2.29	MEAN
AC-FT	94.41	91.24	125.95	475.84	140.63	94.61	91.83	91.83	83.5	104.13	110.67	141.01	AC-FT
MAX	2.8	2.3	4.4	37.1	4.7	2.6	2.5	1.9	2.4	3.6	3.4	6.7	MAX
MIN	1.4	1.5	1.5	2.4	1.5	1.4	1.4	1.3	1.2	1.4	1.6	1.5	MIN

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 2.3 CFS
TOTAL DISCHARGE, 1650 AC-FT
MAXIMUM DAILY DISCHARGE, 37.1 CFS
MINIMUM DAILY DISCHARGE, 1.2 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION
ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 1.9 SQUARE MILES.
REMARKS: OVAL STEEL ROAD CULVERT ACTS
AS A BROAD-CRESTED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

SOPER CREEK NEAR TYRONE - STATION NO. 02HD221
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.5	2.2 B	1.4	16.3	2.4	1.9	1.4	1.6	1.3	1.3	2.6	1.5	01
02	2.8	18.2	1.7	8.3	2.0	1.7	1.4	1.4	1.3	1.4	1.9	1.4	02
03	2.3	4.5	11.3	7.8	3.6	1.6	1.4	1.3	1.3	1.5	1.7	1.4	03
04	3.1	1.9	33.3	5.5	2.5	1.7	1.4	1.3	1.3	1.4	1.4	1.5	04
05	2.5	1.6	3.9	5.9	2.3	2.2	1.5	1.3	1.3	1.4	1.4	1.8	05
06	2.1 B	1.4	19.7	3.8	2.1	2.0	1.3	1.3	1.3	1.3	1.4	1.5	06
07	2.0 B	1.4	18.1	3.3	1.9	2.3	1.3	1.3	1.3	1.3	1.5	1.4	07
08	2.0 B	1.4	6.6	3.0	2.8	1.8	1.3	1.3	1.3	1.3	1.6	1.4	08
09	1.9 B	1.4 B	3.9	2.9	4.4	1.7	1.3	1.3	1.3	1.3	1.4	1.5	09
10	1.9	1.3 B	4.4	2.9	2.9	1.5	1.3	1.3	1.3	1.3	1.4	1.6	10
11	1.8	1.3 B	14.6	2.8	4.0	1.5	1.3	1.3	1.3	1.3	1.4	1.5	11
12	1.8	1.3 B	6.0	2.6	2.6	1.4	1.3	1.3	1.3	1.3	1.4	1.5	12
13	1.9	1.3	3.8	2.5	2.4	1.4	1.3	1.3	1.3	1.4	1.4	1.5	13
14	2.0	1.3	3.6	2.4	2.2	1.3	1.3	1.3	1.3	1.4	1.4	1.5	14
15	2.0	1.3	4.3	2.3	2.2	1.3	1.3	1.3	1.3	1.4	2.8	1.4 B	15
16	2.0	1.3	3.4	2.3	2.1	1.4	1.3	1.3	1.3	1.4	2.0	1.4 B	16
17	2.1	1.3	12.7	2.3	2.2	1.4	1.3	1.3	1.3	1.4	1.6	1.4 B	17
18	4.3	1.3	3.8	2.2	2.0	1.5	1.3	2.7	1.5	1.4	1.6	1.4 B	18
19	11.0	1.3	3.1	2.2	1.9	1.4	1.3	1.4	1.3	1.4	1.6	1.4 B	19
20	4.7	1.3	2.9	2.1	1.8	1.4	1.3	1.3	1.3	1.4	1.5	1.5	20
21	2.7 B	1.3	2.7	2.0	1.8	1.4	1.3	1.3	1.3	1.4	1.7	1.5	21
22	5.7	1.3	2.6	2.8	1.7	1.4	1.3	1.3	1.4	1.4	1.8	1.5	22
23	7.6	1.3	3.2	2.2	1.7	1.3	1.3	1.3	1.5	1.4	1.6	1.5	23
24	3.4	1.3	3.8	2.0	1.7	1.4	1.3	1.3	1.4	1.4	1.9	1.5	24
25	2.8	1.3	3.4	2.0	1.6	1.4	1.3	1.3	1.3	1.4	1.8	1.8	25
26	3.0	1.3	3.3	1.9	1.9	1.3	1.3	1.3	1.3	1.3	1.6	2.4	26
27	2.9	1.3	2.6	2.4	1.8	1.4	1.3	1.3	1.3	1.3	1.6	3.6	27
28	2.8	1.4	2.5	4.4	3.6	3.6	1.5	1.3	1.3	1.4	2.6	2.7	28
29	2.5 B		2.8	2.9	2.3	2.0	1.4	1.3	1.3	1.3	1.9	2.1	29
30	2.4 B		4.3	2.3	2.0	1.5	1.3	1.3	1.3	2.3	1.7	1.9	30
31	2.2 B		3.8		2.5		1.3	1.3		1.8		1.8	31
TOTAL	96.7	58.8	197.5	108.3	73.7	49.1	41.2	42.2	39.6	44.2	51.2	51.8	TOTAL
MEAN	3.11	2.1	6.37	3.61	2.37	1.63	1.32	1.36	1.32	1.42	1.7	1.67	MEAN
AC-FT	191.8	116.62	391.74	214.81	146.18	97.38	81.72	83.7	78.54	87.67	101.55	102.74	AC-FT
MAX	11.0	18.2	33.3	16.3	4.4	3.6	1.5	2.7	1.5	2.3	2.8	3.6	MAX
MIN	1.8	1.3	1.4	1.9	1.6	1.3	1.3	1.3	1.3	1.3	1.4	1.4	MIN

SUMMARY FOR THE YEAR 1973
MEAN DISCHARGE, 2.3 CFS
TOTAL DISCHARGE, 1690 AC-FT
MAXIMUM DAILY DISCHARGE, 33.3 CFS
MINIMUM DAILY DISCHARGE, 1.3 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION
ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 1.9 SQUARE MILES.
REMARKS: OVAL STEEL ROAD CULVERT ACTS
AS A BROAD-CRESTED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

SOPER CREEK NEAR TYRONE - STATION NO. 02HD221
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.8	2.9	3.8	9.0	2.3	1.7	1.6	1.5	1.4	1.7	1.4	1.5	01
02	1.7 B	2.1 B	2.7	11.7	1.9	1.6	1.5	1.6	1.3	1.6	1.4	1.6	02
03	1.7	1.8 B	3.3	5.3	1.9	1.5	5.5	1.7	1.8	1.5	1.5	1.6	03
04	1.7	1.7 B	18.3	9.6	1.8	1.5	1.9	1.9	1.9	1.5	1.5	1.5	04
05	1.6	1.5 B	26.0	2.3	1.8	1.5	1.6	1.8	1.6	1.4	1.5	1.5	05
06	1.6	1.6 B	10.0	2.3	2.2	1.5	1.5	1.7	1.4	1.3	1.5	1.5	06
07	1.6	1.6	7.8	2.3	2.0	1.4	1.4	1.6	1.3	1.5	1.4	1.5	07
08	1.6 B	1.6	3.1	2.3	1.8	1.4	1.3	1.5	1.3	1.4	1.4	2.8	08
09	1.6 B	1.6	2.7	2.3	2.8	1.4	1.3	1.4	1.1	1.4	1.4	1.9	09
10	1.6 B	1.6	2.7	2.3	2.2	1.4	1.4	1.3	1.1	1.4	1.4	1.6	10
11	1.6	1.7	2.7	2.2	2.0	1.4	1.3	1.3	1.1	1.3	1.4	1.6	11
12	1.6 B	1.7	2.6	2.3	8.0	1.5	1.2	1.3	1.1	1.4	1.8	1.9	12
13	1.6 B	1.7	2.8 B	2.5	3.3	1.4	1.2	1.6	1.5	1.4	1.6	1.9	13
14	1.6	1.7	2.6 B	3.7	2.5	1.4	1.2	1.5	1.6	1.9	1.8	1.8	14
15	1.6	1.7	2.6	3.5	3.4	2.2	1.2	1.4	1.3	1.5	1.5	1.6	15
16	1.7	1.7	2.6	2.4	4.1	1.9	1.2	1.3	1.2	1.4	1.5	1.8	16
17	1.6 B	1.7	2.6	2.3	7.0	1.6	1.2	1.3	1.2	1.4	1.6	1.8	17
18	1.6 B	1.7	2.7	6.0	2.8	1.8	1.2	1.2	1.4	1.4	1.5	1.7	18
19	1.6 B	1.7	2.6	4.7	2.4	2.9	1.2	1.2	1.3	1.4	1.5	1.7	19
20	1.6	1.7	2.5 B	2.0	2.3	2.3	1.2	1.2	1.3	1.4	3.1	1.6	20
21	2.3	1.7	2.5 B	1.9	2.2	1.8	1.1	1.2	1.2	1.4	2.7	1.6	21
22	2.1	3.2	2.5	2.9	2.1	1.6	1.1	1.2	1.2	1.4	1.8	1.6	22
23	2.3	3.2	2.5	3.0	2.1	1.5	1.2	1.2	1.1	1.4	1.7	1.6 B	23
24	2.1	2.1 B	2.5	2.7	2.0	1.4	1.4	1.2	1.1	1.4	1.9	1.6 B	24
25	1.9	1.9	2.5 B	2.2	2.0	1.5	1.4	1.2	1.4	1.4	1.7	1.6 B	25
26	1.9	1.8 B	2.4	2.0	1.9	1.5	1.4	1.2	2.1	1.4	1.5	1.6	26
27	31.2	1.8	2.4	1.9	1.9	1.4	1.5	2.1	2.0	1.4	1.5	1.6	27
28	5.8	3.1	2.4	1.9	1.8	1.4	1.4	2.5	2.0	1.4	1.5	1.6	28
29	3.6		2.4	2.3	2.2	2.1	1.6	2.3	2.9	1.4	1.5	1.6	29
30	3.7		2.5	2.2	1.9	1.9	1.7	2.0	2.2	1.5	1.5	1.6	30
31	4.3		5.9		1.8		1.5	1.7		1.4		1.5	31
TOTAL	93.8	53.8	137.2	104.0	80.4	49.4	46.4	47.1	44.4	44.7	49.0	51.9	TOTAL
MEAN	3.02	1.92	4.42	3.46	2.59	1.64	1.49	1.51	1.48	1.44	1.63	1.67	MEAN
AC-FT	186.05	106.71	272.13	206.28	159.47	97.98	92.03	93.42	88.06	88.66	97.19	102.94	AC-FT
MAX	31.2	3.2	26.0	11.7	8.0	2.9	5.5	2.5	2.9	1.9	3.1	2.8	MAX
MIN	1.6	1.5	2.4	1.9	1.8	1.4	1.1	1.2	1.1	1.3	1.4	1.5	MIN

SUMMARY FOR THE YEAR 1974
MEAN DISCHARGE, 2.2 CFS
TOTAL DISCHARGE, 1590 AC-FT
MAXIMUM DAILY DISCHARGE, 31.2 CFS
MINIMUM DAILY DISCHARGE, 1.1 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION
ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 1.9 SQUARE MILES.
REMARKS: OVAL STEEL ROAD CULVERT ACTS
AS A BROAD-CRESTED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.6	1.6	1.9	2.5	2.5	2.2	1.3	1.2	1.2	1.2	1.4	1.8	01
02	1.5	1.5 B	1.8	2.3 B	2.4	1.7	1.3	1.2	1.2	1.2	1.3	1.4	02
03	1.5	1.5 B	1.8 B	2.3 B	2.3	1.7	1.3	1.2	1.2	1.2	1.3	1.3	03
04	1.6	1.5 B	1.8 B	2.3 B	3.4	1.6	1.3	1.2	1.2	1.2	1.2	1.3	04
05	1.6	1.6	1.7	2.3 B	3.4	1.6	1.3	1.2	1.2	1.2	1.2	1.3	05
06	1.6	1.6	1.8	2.3	2.6	1.6	1.3	1.2	1.1	1.2	1.2	2.0	06
07	1.6	1.6	1.7 B	2.4	2.3	1.6	1.3	1.2	1.1	1.2	1.2	1.6	07
08	1.6	1.6	1.7 B	2.6	2.2	1.5	1.3	1.2	1.1	1.2	1.2	1.3	08
09	4.7	1.6 B	1.7 B	2.9	2.1	1.5	1.3	1.2	1.1	1.2	1.2	1.3	09
10	3.1	1.6 B	1.8	2.9	2.0	1.5	1.3	1.2	1.1	1.2	2.2	1.3	10
11	8.6	1.6	1.8	3.3	2.0	1.5	1.4	1.3	1.3	1.2	1.4	1.3	11
12	2.2 B	1.6	2.0	3.1	2.0	2.0	1.3	1.2	1.9	1.2	1.3	1.3	12
13	1.7 B	1.6	3.5	3.3	1.9	1.7	1.3	1.2	1.2	1.3	1.2	1.3	13
14	1.6	1.6	3.2 B	4.2	1.8	1.6	1.3	1.2	1.2	1.3	1.2	1.4	14
15	1.5	1.6	3.1	4.2	2.0	1.6	1.2	1.2	1.2	1.2	1.2	3.0	15
16	1.5	1.6	3.8	4.2	2.3	1.7	1.2	1.2	1.1	1.2	1.2	2.0	16
17	1.5 B	1.6	6.8	4.3	1.9	1.5	1.2	1.2	1.2	1.2	1.2	1.5	17
18	1.5	2.0	10.1	5.1	1.8	1.6	1.2	1.2	1.3	1.4	1.2	1.4	18
19	1.6 B	1.9	26.0	14.0	1.8	2.5	1.4	1.2	1.9	1.2	1.2	1.4 B	19
20	1.6 B	1.8	10.6	4.5	1.7	1.8	1.9	1.1	1.5	1.2	1.2	1.7 B	20
21	1.6 B	1.7	3.3	3.7	2.2	1.6	1.4	1.1	1.3	1.2	1.4	1.7 B	21
22	1.6	2.1	11.3	3.6	1.8	1.5	1.3	1.1	1.2	1.2	1.4	1.7 B	22
23	1.5	10.7	3.8	3.7	1.6	1.5	1.2	1.1	1.2	1.2	1.3	1.7 B	23
24	1.6	53.8	4.8	4.7	1.6	1.5	1.3	1.4	1.2	1.2	1.2	1.7 B	24
25	2.0	4.9	4.9	3.2	1.6	1.4	1.3	1.2	1.1	1.1	1.2	1.7 B	25
26	2.5	2.4	2.6 B	2.8	1.6	1.4	1.2	1.2	1.2	1.1	1.2	1.7 B	26
27	1.7 B	2.1	2.2 B	2.6	1.6	1.4	1.3	1.2	1.2	1.1	1.7	1.7 B	27
28	1.7	1.9	2.3 B	2.5	1.5	1.4	1.2	1.1	1.2	1.1	1.6	1.7 B	28
29	1.8		2.9	2.4	1.5	1.4	1.2	1.2	1.1	1.1	1.4	1.5 B	29
30	1.6		2.5	2.3	2.9	1.3	1.2	1.3	1.1	1.1	1.7	1.5 B	30
31	1.6		2.3		2.6		1.2	1.2		1.2		2.3 B	31
TOTAL	62.9	112.2	131.5	106.5	64.9	48.4	40.2	37.2	37.0	37.0	39.8	50.1	TOTAL
MEAN	2.02	4.0	4.24	3.55	2.09	1.61	1.29	1.2	1.23	1.19	1.32	1.01	MEAN
AC-FT	124.76	222.54	260.83	211.24	128.72	96.0	79.73	73.78	73.38	78.94	94.37	62.24	AC-FT
MAX	8.6	53.8	26.0	14.0	3.4	2.5	1.9	1.4	1.9	1.4	2.2	3.0	MAX
MIN	1.5	1.5	1.7	2.3	1.5	1.3	1.2	1.1	1.1	1.1	1.2	1.3	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 2.1 CFS
TOTAL DISCHARGE, 1520 AC-FT
MAXIMUM DAILY DISCHARGE, 53.8 CFS
MINIMUM DAILY DISCHARGE, 1.1 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION
ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 1.9 SQUARE MILES.
REMARKS: OVAL STEEL ROAD CULVERT ACTS
AS A BROAD-CRESTED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

SOPER CREEK NEAR TYRONE - STATION NO. 02HD221

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.2 B	1.6 B	4.6 B	6.8	2.2	2.4	2.3	2.0	1.6	1.4	1.5	1.2 B	01
02	1.8 B	1.6 B	3.0 B	4.3	2.2	1.9	2.0	1.5	1.4	1.4	1.5	1.2 B	02
03	1.3 B	1.5 B	2.7 B	3.8	2.6	1.7	2.6	1.4	1.3	1.4	1.5	1.1 B	03
04	1.7 B	1.5 B	2.8	3.3	2.2	1.6	2.2	1.4	1.5	1.4	1.5	1.1 B	04
05	1.6 B	1.5 B	10.3	3.1	2.1	1.5	1.6	1.4	1.3	1.4	1.5	1.1 B	05
06	1.6 B	1.5 B	8.5	3.0	2.6	1.5	1.5	1.4	1.3	1.5	1.5	1.1 B	06
07	1.5 B	1.5 B	4.2	2.8	4.9	1.6	1.5	1.3	1.3	1.8	1.5	1.1 B	07
08	1.5 B	1.5 B	3.1	2.7	3.0	1.4	1.5	1.4	1.3	1.5	1.4	1.0 B	08
09	1.5 B	1.5 B	2.8	2.6	2.5	1.4	1.3	1.4	1.3	1.8	1.4	1.0 B	09
10	1.5 B	1.5 B	2.7	2.5	2.5	1.4	1.3	1.3	1.5	1.7	1.5	1.0 B	10
11	1.4 B	1.6 B	2.5	2.4	2.7	1.4	2.5	1.3	1.4	1.5	1.5	1.0 B	11
12	1.4 B	1.6	2.5	2.3	2.6	1.3	1.8	1.4	1.4	1.5	1.5	1.0 B	12
13	1.4 B	1.6	3.7	2.4	2.3	1.4	1.5	1.7	1.3	1.5	1.5	1.0 B	13
14	1.5 B	1.6	2.9	2.3	2.3	2.0	1.4	1.6	1.3	1.5	1.5	1.0 B	14
15	1.5 B	1.7	2.6	3.6	2.3	1.5	1.3	1.6	1.3	1.4	1.5	0.99B	15
16	1.4 B	2.5	2.5 B	4.7	6.8	1.9	1.3	1.4	1.3	1.4	1.5	0.95B	16
17	1.4 B	3.5	2.4 B	2.8	6.9	1.6	1.4	1.3	1.4	1.4	1.4	0.95B	17
18	1.4 B	3.7	2.3 B	2.5	3.7	1.5	1.4	1.3	1.4	1.4	1.5	0.95B	18
19	1.4 B	8.3	2.9	2.3	4.8	1.9	1.3	1.3	1.3	1.4	1.5	0.95B	19
20	1.4 B	3.6	20.7	2.2	3.4	1.6	1.3	1.3	1.5	1.7	1.4	1.1 B	20
21	1.4 B	2.7	31.4	2.2	2.6	2.1	1.4	1.3	1.4	1.9	1.3	1.0 B	21
22	1.4 B	8.2	5.0 B	2.7	2.4	3.1	1.2	1.2	1.6	1.6	1.3	0.95B	22
23	1.4 B	5.4	7.2 B	2.6	2.3	1.7	1.3	1.2	1.6	1.6	1.2	0.95B	23
24	1.4 B	3.1	11.2	2.2	2.2	1.6	1.3	1.2	1.4	1.6	1.2	0.95B	24
25	1.4 B	4.3	12.3	3.8	2.1	2.6	1.2	1.2	1.4	1.6	1.2	0.95B	25
26	2.2 B	7.6	6.3	3.4	2.1	1.7	1.2	1.3	1.5	1.5	1.7	0.95B	26
27	3.4 B	9.8	10.2	3.4	2.0	1.6	1.3	1.3	1.6	1.5	2.1	0.95B	27
28	2.5 B	6.6	5.6	2.8	1.8	1.4	1.2	1.4	1.4	1.5	1.4 B	0.95B	28
29	2.0 B	5.8	4.2	2.4	1.8	1.7	1.8	1.3	1.4	1.5	1.3 B	0.95B	29
30	1.9 B		4.6	2.2	1.8	3.1	1.5	1.3	1.4	1.5	1.2 B	0.95B	30
31	1.7 B		10.2		3.5		3.2	1.3		1.5		1.0 B	31
TOTAL	51.5	98.4	197.9	90.1	89.2	53.1	49.6	42.7	42.1	47.3	43.6	31.38	TOTAL
MEAN	1.66	3.39	6.38	3.0	2.87	1.77	1.6	1.37	1.4	1.52	1.45	1.01	MEAN
AC-FT	102.15	195.17	392.53	178.71	176.92	105.32	98.38	84.69	83.5	93.81	86.48	62.24	AC-FT
MAX	3.4	9.8	31.4	6.8	6.9	3.1	3.2	2.0	1.6	1.9	2.1	1.7	MAX
MIN	1.4	1.5	2.3	2.2	1.8	1.3	1.2	1.2	1.3	1.4	1.2	0.95	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 2.3 CFS
TOTAL DISCHARGE, 1660 AC-FT
MAXIMUM DAILY DISCHARGE, 31.4 CFS
MINIMUM DAILY DISCHARGE, 1.0 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION
ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 1.9 SQUARE MILES.
REMARKS: OVAL STEEL ROAD CULVERT ACTS
AS A BROAD-CRESTED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

SOPER CREEK NEAR TYRONE - STATION NO. 02HD221

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.0 B	1.0 B	1.3	2.4	1.8	1.3	1.1	1.1	1.0	1.9	1.5	6.2	01
02	1.0 B	1.0 B	1.2	4.0	2.0	1.2	1.0	0.96	2.0	1.7	1.5	2.9	02
03	1.0 B	1.0 B	1.2	4.4	1.8	1.1	1.0	0.95	1.2	1.5	1.5	2.4	03
04	1.0 B	1.0 B	2.9	2.7	1.8	1.1	1.1	0.96	1.1	1.4	1.5	2.1	04
05	1.0 B	1.0 B	8.1	5.0	1.8	1.0	1.0	1.0	1.0	1.3	1.5	1.8 B	05
06	1.0 B	1.0 B	3.9	2.6	1.8	1.0	1.1	1.1	1.0	1.4	1.5	1.8 B	06
07	1.1 B	1.0 B	2.6	2.3	1.7	1.0	1.1	0.98	1.0	1.3	3.2	1.8 B	07
08	1.0 B	1.0 B	3.1	2.3	1.8	1.0	1.1	0.99	1.0	2.0	3.4	1.8 B	08
09	1.0 B	1.0 B	11.2	2.4	1.9	1.0	0.99	0.97	1.0	2.9	2.1	1.8 B	09
10	1.0 B	1.0 B	15.8	2.5	1.8	1.0	0.96	1.7	1.0	1.8	3.7	1.8 B	10
11	1.0 B	1.0 B	11.4	2.4	1.7	1.0	0.97	1.2	1.0	1.6	2.5	1.8 B	11
12	1.0 B	1.1 B	10.0	2.2	1.6	1.0	1.0	1.1	0.97	1.6	2.1	1.9 B	12
13	1.0 B	1.4 B	25.4	2.1	1.5	1.0	0.98	0.99	1.2	1.6	1.9	1.9 B	13
14	1.1 B	1.2 B	7.3	2.0	1.5	0.99	0.96	1.0	1.2	1.5	1.9	4.8	14
15	1.1 B	1.1 B	5.1	1.9	1.4	0.98	0.98	0.96	1.0	1.5	1.9	3.8	15
16	1.0 B	1.1 B	4.6	1.8	1.4	0.97	0.97	1.5	1.4	1.6	2.9	2.8	16
17	1.0 B	1.1 B	3.3	1.8	1.4	1.1	0.98	1.2	1.2	1.6	4.0	2.5	17
18	1.0 B	1.1 B	2.7	1.8	1.5	1.3	0.98	0.98	1.1	1.5	2.9	2.4	18
19	1.0 B	1.1 B	2.7	1.7	1.4	1.1	1.0	0.95	1.1	1.5	2.4	2.3	19
20	1.0 B	1.1 B	2.6	1.8	1.3	1.1	0.96	0.97	1.7	1.5	2.3	2.3	20
21	1.0 B	1.1 B	2.8	1.8	1.2	1.0	0.96	0.96	1.3	1.5	2.3	2.5	21
22	1.0 B	1.1 B	2.7	3.0	1.2	0.99	0.94	1.2	1.2	1.5	2.2	2.3	22
23	1.0 B	1.1 B	2.6	3.4	1.2	0.98	0.93	1.0	1.2	1.5	2.4	2.2	23
24	1.0 B	1.4	2.4	3.4	1.2	0.99	0.94	1.1	1.2	1.5	2.4	2.2	24
25	1.0 B	1.7	2.2	2.9	1.2	1.2	0.93	1.0	2.3	1.5	2.2	4.5	25
26	1.0 B	1.4	2.3	2.4	1.1	1.0	0.92	0.98	1.9	1.5	2.8	2.7 B	26
27	1.0 B	1.3	2.6	2.2	1.1	0.99	0.92	0.98	1.5	1.5	1.8	2.4 B	27
28	1.0 B	1.4	3.1	2.0	1.1	1.0	0.92	0.99	1.4	1.5	1.8	2.3 B	28
29	1.0 B		3.9	1.9	1.1	1.4	0.94	0.97	1.3	1.5	1.8	2.2	29
30	1.0 B		3.3	1.8	1.1	1.1	0.95	0.99	1.3	1.5	1.9	2.2	30
31	1.0 B		3.1		1.1		1.2	0.99		1.5		2.2	31
TOTAL	31.3	31.8	157.4	74.9	45.5	31.89	30.78	32.72	37.77	49.1	67.8	78.6	TOTAL
MEAN	1.0	1.13	5.07	2.49	1.46	1.06	0.99	1.05	1.25	1.58	2.26	2.53	MEAN
AC-FT	62.08	63.07	312.2	148.56	90.24	63.25	61.05	64.9	74.91	97.38	134.48	155.9	AC-FT
MAX	1.1	1.7	25.4	5.0	2.0	1.4	1.2	1.7	2.3	2.9	4.0	6.2	MAX
MIN	1.0	1.0	1.2	1.7	1.1	0.97	0.92	0.95	0.97	1.3	1.5	1.8	MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 1.8 CFS
TOTAL DISCHARGE, 1330 AC-FT
MAXIMUM DAILY DISCHARGE, 25.4 CFS
MINIMUM DAILY DISCHARGE, 0.92 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION
ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 1.9 SQUARE MILES.
REMARKS: OVAL STEEL ROAD CULVERT ACTS
AS A BROAD-CRESTED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

SOPER CREEK NEAR TYRONE - STATION NO. 02HD221

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.2	2.1		24.6	2.4	1.7							01
02	2.1	2.1		9.6	2.4	1.7							02
03	2.1	2.1		5.1	2.3	1.7							03
04	2.0	2.1		5.1	2.2	1.6							04
05	2.0	2.1		10.1	2.4	1.7							05
06	2.1	2.1		8.3	2.6	1.6							06
07	2.1	2.1		20.7	2.5	1.7							07
08	5.2	2.1		6.4	2.4	1.7							08
09	5.2	2.1		5.6	3.8	1.7							09
10	3.2	2.1		4.7	2.8	1.6							10
11	2.8	2.1		10.9	2.4	1.6							11
12	2.6	2.1		7.9	2.5	1.7							12
13	2.5	2.1		7.8	2.8	2.1							13
14	2.5	2.0		5.1	9.1	1.7							14
15	2.4	2.0		4.4	4.7	1.6							15
16	2.3	2.0		4.4	3.1								16
17	2.3	2.0		4.1	3.0								17
18	2.3	2.0		4.1	3.3								18
19	2.2	2.0		5.5	3.0								19
20	2.3	2.0		9.8	3.5								20
21	2.3	2.0		6.7	3.5								21
22	2.2	2.0		4.3	2.5								22
23	2.2	2.0		3.6	2.3								23
24	2.2	2.1		3.4	2.2								24
25	2.3	2.0		3.2	2.1								25
26	2.7	2.0		3.0	1.9								26
27	2.2	2.0		2.8	1.9								27
28	2.2	2.0		2.7	1.8								28
29	2.1			2.6	1.8								29
30	2.1			2.5	1.7								30
31	2.1				1.7								31
TOTAL	77.0	57.4		199.0	86.6								TOTAL
MEAN	2.48	2.05		6.63	2.79								MEAN
AC-FT	152.72	113.85		394.71	171.77								AC-FT
MAX	5.2	2.1		24.6	9.1								MAX
MIN	2.0	2.0		2.5	1.7								MIN

SUMMARY FOR THE YEAR 1978

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION
ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 1.9 SQUARE MILES.
REMARKS: OVAL STEEL ROAD CULVERT ACTS
AS A BROAD-CRESTED CONTROL. STATION DISCONTINUED JUNE 1978.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01										3.7	3.8	6.3	01
02										3.6	6.4	4.6	02
03										3.3	6.8	4.0 B	03
04										3.7	4.4	4.1	04
05										3.5	4.0	4.5	05
06										3.3	4.0	7.2	06
07										3.2	4.1	48.1	07
08										3.2	6.2	42.4	08
09										3.2	13.6	15.3	09
10										3.7	17.7	49.2	10
11										3.6	8.0	18.8	11
12										3.7	5.7	9.6	12
13										3.6	4.8	7.8	13
14										3.5	4.5	7.6	14
15										4.0	4.3	7.2	15
16											4.2	7.4	16
17											4.2	7.9	17
18											4.1	8.6	18
19											3.9	6.3	19
20											3.8	5.7	20
21											3.8	5.6	21
22											3.7	3.7	22
23											4.0	3.9	23
24											4.4	3.9	24
25											10.3	4.0	25
26											7.1	4.1	26
27											5.5	4.1	27
28											19.8	4.2	28
29											21.4	5.2	29
30											8.0	5.0	30
31										3.6		4.9	31
TOTAL											206.5	321.2	TOTAL
MEAN											6.88	10.36	MEAN
AC-FT											409.59	637.1	AC-FT
MAX											21.4	49.2	MAX
MIN											3.7	3.7	MIN

SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.1 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MACKIE CREEK NEAR STEPHENS GULCH - STATION NO. 02HD222

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.0	7.3	4.7	29.4	5.6	3.7 E	6.0	4.4	3.7	4.9	5.7	4.5	01
02	5.3	6.8	4.6	34.4	11.0 E	3.7 E	7.7	3.9	3.4	4.5	20.4	5.4	02
03	5.4	6.9 B	4.6	71.3	11.8 E	3.2 E	7.0	5.2	3.3	4.3	12.2	5.5	03
04	5.4	6.7	4.7	12.4	5.9 E	3.1 E	5.0	5.9	3.1	4.2	9.2	5.2	04
05	5.3	6.3	4.7	12.0	6.3 E	3.1 E	4.3	4.6	3.1	4.1	7.5	5.4	05
06	5.6 B	5.9 B	4.8	25.8	6.5 E	3.3 E	4.0	3.7	3.1	3.7	6.5	5.6	06
07	5.2	6.0 B	4.9	15.7	9.9 E	3.5 E	3.7	3.6	3.1	3.7	6.1	5.8	07
08	5.9	5.9 B	5.2 B	11.9	27.2 E	5.4 E	3.7	4.3	3.1	3.8	5.9	6.6	08
09	5.3	6.1 B	5.4 B	11.6	19.5 E	5.0 E	4.5	5.2	3.1	4.5	6.7	6.4	09
10	5.2	6.2	6.9	25.8	15.4 E	16.7 E	5.0	8.1	3.1	4.1	6.5	5.1	10
11	5.4 B	5.8	13.4 B	10.5	16.0 E	10.7 E	4.5	4.6	3.0	4.1	7.7	6.5	11
12	6.7 B	4.4 B	23.3 B	8.4	18.0 E	5.3 E	5.1	3.8	3.0	4.0	18.7	19.8	12
13	5.7	5.7 B	20.8 B	8.3	8.1 E	4.9 E	5.0	3.6	3.1	4.0	12.5	10.9	13
14	5.7	6.1	15.2 B	14.6	6.6 E	4.3 E	4.1	3.4	3.0	4.6	8.2	7.9	14
15	5.8	5.8	15.0 B	24.2	7.5 E	6.1 E	4.0	3.3	3.2 E	4.4	6.3	7.0	15
16	5.5 B	6.5	10.1 B	12.7	6.1 E	5.2 E	4.0	3.2	3.4 E	9.2	6.5	6.6	16
17	5.9 B	4.8 B	7.7 B	13.2	4.8 E	7.3 E	3.8	3.2	3.4 E	8.5	7.3	6.6	17
18	5.7 B	4.2 B	7.5 B	12.3	4.9 E	7.2 E	3.5	3.3	3.4 E	14.9	13.8	8.8	18
19	5.8 B	4.0 B	7.2 B	9.3	25.1 E	4.1 E	3.5	3.5	3.4 E	22.8	10.8	12.3	19
20	5.8 B	4.7	7.4	7.9	12.2 E	3.4 E	3.4	5.0	3.5 E	8.8	7.3	8.2	20
21	5.9	4.8	8.4	7.7	7.7 E	3.4 E	3.2	3.8	8.6 E	6.8	6.5	35.9	21
22	5.7	4.6	7.7	38.9	9.5 E	26.5 E	3.3	3.6	4.5 E	6.0	7.8	32.3	22
23	9.7	4.7	7.4	10.6	7.4 E	6.8 E	4.9	3.3	4.1 E	5.5	13.4	9.7	23
24	22.8	4.5	9.7	8.8	5.5 E	5.1	5.7	3.2	4.3 E	5.3	9.2	7.1	24
25	84.9	4.2	12.0	7.7	5.0 E	7.8	4.8	3.2	4.1 E	6.9	7.8	7.6 B	25
26	16.0	4.8	98.9	7.2	4.6 E	5.3	3.7	3.4	3.9 E	7.6	8.0	5.0 B	26
27	8.0	4.9	77.7	6.7	4.5 E	4.2	4.7	3.8	3.7	6.6	7.1	5.8 B	27
28	8.9	4.9	37.7	6.1	4.5 E	3.7	7.9	4.5	11.4	9.0	6.1	6.6	28
29	7.4 B		45.8	5.6	4.2 E	4.8	4.7	3.7	14.3	6.6	5.6	5.7	29
30	7.5 B		27.1	5.7	4.0 E	6.4	3.8	3.7	5.9	5.8	5.0	5.6	30
31	8.0		29.1		3.8 E		5.1	4.6		5.5		6.1	31
TOTAL	296.4	153.5	539.6	476.7	289.1	183.2	143.6	126.6	129.3	198.7	262.3	277.5	TOTAL
MEAN	9.56	5.48	17.4	15.89	9.32	6.1	4.63	4.08	4.31	6.4	8.74	8.95	MEAN
AC-FT	587.9	304.46	1070.29	945.53	573.42	363.37	284.83	251.11	256.46	394.12	520.27	550.42	AC-FT
MAX	84.9	7.3	98.9	71.3	27.2	26.5	7.9	8.1	14.3	22.8	20.4	35.9	MAX
MIN	5.0	4.0	4.6	5.6	3.8	3.1	3.2	3.2	3.0	3.7	5.0	4.5	MIN

SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, 8.4 CFS
TOTAL DISCHARGE, 6100 AC-FT
MAXIMUM DAILY DISCHARGE, 98.9 CFS
MINIMUM DAILY DISCHARGE, 3.0 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.1 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.1	12.5	5.3	12.2	6.5	6.4	4.5	4.6	3.4	3.9	4.6	7.1	01
02	6.3	80.7	5.1	9.2	7.6	6.0	4.0	3.4	4.9	3.9	4.7	7.5	02
03	6.2	31.6	5.0 B	8.9	7.1	6.3	4.0	3.3	4.8	7.4	4.4	8.0	03
04	6.2	15.6	5.2 B	26.6	7.0	5.4	3.8	3.1	4.0	5.1	4.4	16.6	04
05	6.1	10.5	5.2	13.0	6.2	5.1	4.0	3.0	4.3	4.8	4.3	13.2	05
06	5.9 B	8.9	5.1	8.7	5.7	4.8	3.9	5.1	21.9	4.5	4.4	8.3	06
07	4.1 B	8.1 B	5.1	8.2	5.2	4.5	3.5	4.2	5.5	5.5	6.4	6.6	07
08	4.1 B	7.5 B	5.6	8.1	5.0	4.4	3.5	3.8	5.1	5.0	6.3	4.2 B	08
09	5.0 B	7.4 B	5.9	8.0	7.6	4.4	3.5	6.3	4.6	4.6	6.3	3.5	09
10	5.4 B	6.8 B	13.0	7.8	9.0	4.6	4.1	3.8	4.6	4.7	7.5	4.2 B	10
11	5.1 B	6.5 B	12.3	7.6	6.4	4.5	3.5	3.4	6.8	4.7	5.8	4.7 B	11
12	5.1 B	6.0 B	5.0	7.2	8.0	4.8	3.4	3.2	6.3	4.5	5.3	5.1 B	12
13	5.1 B	3.6 B	5.0	7.1	7.7	4.3	3.3	3.2	4.7	4.3	5.3	7.2 B	13
14	5.0 B	5.5 B	5.1	7.1	6.0	4.2	3.3	3.2	4.1	4.2	5.1	6.5 B	14
15	5.0 B	5.8	5.3	7.0	6.7	4.2	3.3	3.0	4.1	4.4	7.2	3.2 B	15
16	5.0 B	5.6	57.5	6.7	11.9	4.0	3.3	3.4	4.0	4.3	7.1	5.4 B	16
17	5.5 B	5.5 B	76.8	6.2	11.1	3.9	3.2	5.5	3.9	4.2	5.6	5.2	17
18	6.3	5.2 B	70.2	5.9	7.3	3.8	3.2	3.9	3.7	4.4	7.6	4.8	18
19	6.4	5.0 B	36.0	5.9	6.8	4.9	3.5	3.7	9.5	9.5	6.8	4.6	19
20	5.9	5.0 B	33.5	5.8	18.9	4.3	3.4	5.0	3.5	6.0	5.7	4.7	20
21	5.8	4.7 B	27.2	5.7	9.1	4.0	3.0	3.7	3.5	5.1	5.5	4.7	21
22	5.9	4.9	17.6	5.7	7.7	6.1	2.9	7.8	3.6	5.0	7.7	4.7	22
23	5.7 B	4.9 B	16.7	5.8	6.7	4.8	2.9	7.3	3.7	5.0	8.0	5.5	23
24	4.9 B	5.0 B	7.4	7.2	6.1	4.6	3.2	4.9	3.8	4.7	10.1	4.4	24
25	5.7 B	4.7 B	10.0	7.0	5.5	4.5	3.2	4.3	4.3	4.5	7.5	4.3 B	25
26	6.4 B	4.7 B	19.4	6.7	5.3	11.3	3.0	3.9	3.7	4.7	6.2	4.2 B	26
27	5.4 B	5.0	23.9	6.2	5.0	6.1	3.1	4.1	3.9	4.8	6.3	5.2 B	27
28	5.8	5.3	22.6	5.3	5.0	8.3	3.3	3.5	3.9	4.7	19.8	5.7 B	28
29	5.9	5.3	18.5	5.1	11.6	5.6	3.0	3.4	3.9	4.7	24.4	6.0 B	29
30	9.5		13.5	5.4	9.2	5.1	2.9	3.3	3.9	4.7	8.3	5.7 B	30
31	8.6		12.3		7.2		3.2	3.3		4.4		5.4 B	31
TOTAL	178.4	288.0	556.3	237.3	236.7	155.2	105.9	127.6	147.2	152.2	218.6	186.4	TOTAL
MEAN	5.75	9.93	17.94	7.91	7.63	5.17	3.41	4.11	4.9	4.9	7.28	6.01	MEAN
AC-FT	353.85	571.24	1103.42	470.68	469.49	307.83	210.05	253.09	291.97	301.88	433.59	369.72	AC-FT
MAX	9.5	80.7	76.8	26.6	18.9	11.3	4.5	7.8	21.9	9.5	24.4	16.6	MAX
MIN	4.1	3.6	5.0	5.1	5.0	3.8	2.9	3.0	3.4	3.9	4.3	3.2	MIN

SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 7.1 CFS
TOTAL DISCHARGE, 5140 AC-FT
MAXIMUM DAILY DISCHARGE, 80.7 CFS
MINIMUM DAILY DISCHARGE, 2.9 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.1 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

MACKIE CREEK NEAR STEPHENS GULCH - STATION NO. 02HD222

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.9	14.1	5.2	6.0 B	6.5	5.1	5.3	7.6	3.4	3.3	4.5	4.8	01
02	5.4	9.2	5.0	11.1	6.1	10.1	4.2	7.9	3.4	3.6	16.6	4.1 B	02
03	5.4	8.9	4.8	11.3	7.4	13.2	4.6	6.3	3.3	3.9	9.3	5.2 B	03
04	4.7	6.1 B	6.8 B	10.3	6.4	8.2	4.5	4.7	3.2	3.5	7.0	4.7 B	04
05	4.6	5.6 B	5.5 B	9.3	5.8	7.9	5.0	4.5	3.3	3.6	6.0	4.8	05
06	4.9	5.4 B	9.1 B	17.1	5.6	7.6	4.1	4.4	3.5	3.5	5.6	4.6	06
07	5.0	5.6 B	10.2 B	16.6	5.7	6.6	3.7	4.3	3.5	3.8	5.4	5.0	07
08	4.5	6.0	26.2 B	9.9	11.2	5.9	3.7	4.4	3.4	4.4	5.3	7.5	08
09	5.5	6.2	38.0 B	8.3	10.0	5.5	3.5	4.0	3.4	3.9	5.1	6.7	09
10	5.2	4.6	19.8 B	8.2	10.1	5.2	3.6	3.8	3.4	3.8	5.2	6.1	10
11	5.3	5.6	16.8 B	8.2	14.3	5.1	5.7	3.8	3.4	3.6	5.3	16.7	11
12	4.9	5.3	28.9 B	8.1	9.0	5.0	7.2	3.6	3.6	3.7	6.2	10.0	12
13	4.9	3.8 B	21.7	8.5	8.1	5.4	4.2	3.5	3.3	3.7	5.8	7.3	13
14	4.9	4.4 B	12.2	9.5	7.6	5.0	3.5	3.5	3.3	5.0	11.7	6.6	14
15	4.2 B	4.3 B	10.9	10.4	6.5	5.2	3.6	3.4	3.4	4.1	9.5	5.6	15
16	4.5 B	4.8 B	12.6	18.3	6.0	5.9	3.5	18.6	3.7	5.5	6.4	4.7	16
17	4.9 B	4.9 B	40.5	54.2	6.2	4.8	3.5	31.9	3.9	4.9	5.5	5.4	17
18	7.3 B	4.9 B	24.1	13.1	13.4	6.0	3.6	9.4	3.6	4.4	6.8	5.8	18
19	8.6	5.0	14.7	9.7	32.9	6.0	3.4	25.9	3.4	4.3	11.4	5.7	19
20	7.4	6.8	9.2	8.8	10.7	5.3	3.3	6.8	3.3	9.9	8.7	4.6	20
21	6.5	7.2	7.9	8.7	8.1	4.7	3.5	5.2	3.3	6.3	5.9	5.9	21
22	5.9	6.0	11.1	9.0	7.2	4.6	4.6	4.7	3.2	5.3	5.3	5.0 B	22
23	6.2	5.6	9.7	15.2	6.7	5.9	3.5	4.2	3.2	4.9	5.8	2.8 B	23
24	56.0	5.7	7.8	10.1	6.2	5.8	3.5	4.2	3.6	4.8	5.7	3.4 B	24
25	25.8	6.8	6.9	8.0	6.5	5.1	14.9	3.7	3.5	5.1	5.6	3.4 B	25
26	13.7	7.7	6.1	7.5	5.9	4.7	9.8	3.5	3.4	4.8	5.9	3.9 B	26
27	7.8 B	5.0	26.0	7.1	5.7	4.4	7.3	3.5	3.4	4.8	5.6	3.8 B	27
28	7.0 B	4.5	26.0	9.7	5.5	4.0	10.8	3.5	3.4	4.6	5.2	1.8 B	28
29	6.8		9.8	9.6	5.9	4.0	7.9	3.5	3.3	4.5	5.2	1.9 B	29
30	39.0		9.2	7.4	5.9	4.6	5.3	3.5	3.4	4.3	5.2	2.1 B	30
31	41.4		6.0 B		5.1		4.5	3.5		4.4		2.1 B	31
TOTAL	323.1	179.5	448.7	349.2	258.2	176.8	159.3	205.3	102.4	140.2	202.7	162.0	TOTAL
MEAN	10.42	5.98	14.47	11.64	8.32	5.89	5.13	6.62	3.41	4.52	6.75	5.22	MEAN
AC-FT	640.86	356.03	889.99	692.63	512.13	350.68	315.97	407.21	203.11	278.08	402.05	321.32	AC-FT
MAX	56.0	14.1	40.5	54.2	32.9	13.2	14.9	31.9	3.9	9.9	16.6	16.7	MAX
MIN	4.2	3.8	4.8	6.0	5.1	4.0	3.3	3.4	3.2	3.3	4.5	1.8	MIN

SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 7.4 CFS
TOTAL DISCHARGE, 5370 AC-FT
MAXIMUM DAILY DISCHARGE, 56.0 CFS
MINIMUM DAILY DISCHARGE, 1.8 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.1 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.8 B	5.4	4.7	10.4	8.0	4.2	3.3	4.6	3.6	4.1	10.7	5.5	01
02	1.8 B	6.3	4.8	25.0	7.3	4.1	3.9	3.6	3.4	4.2	6.8	5.4	02
03	1.7 B	9.3 B	4.8	25.5	6.7	4.0	3.7	3.3	3.4	4.9	5.4	5.2	03
04	2.8 B	11.4 B	6.1	16.1	5.9	3.8	4.1	3.2	4.3	4.7	4.9	7.7	04
05	3.3 B	6.6	9.4	13.1	5.4	3.8	3.7	3.1	4.0	4.3	4.8	5.8	05
06	3.3 B	5.4	8.1	13.3	5.4	3.6	3.2	3.1	3.6	4.1	4.7	5.0	06
07	4.2 B	5.3	7.8	15.2	5.0	3.8	3.0	3.2	3.3	4.1	4.6	4.0	07
08	4.7	5.3	6.5 B	17.4	6.9	3.8	3.0	3.1	3.6	4.1	4.4	5.1	08
09	4.5	5.2	5.2 B	18.5	6.6	3.6	3.1	3.0	4.9	4.0	4.4	11.6	09
10	4.5 B	5.5	6.0 B	12.2	5.7	3.8	6.0	3.0	4.1	4.3	6.4	9.8	10
11	3.2 B	5.3	6.3	9.6	5.4	4.2	4.8	3.0	3.7	4.4	6.5	5.8	11
12	2.4 B	4.1 B	6.1	9.5	5.0	4.1	4.4	3.1	3.4	4.9	8.1	4.3 B	12
13	2.5 B	4.8 B	6.5	10.1	5.0	3.4	3.6	3.2	3.5	5.3	6.4	4.5 B	13
14	2.0 B	5.2 B	6.8	11.6	4.9	3.3	4.2	3.1	3.8	5.4	5.3	4.5 B	14
15	2.5 B	5.6 B	6.4	11.0	5.8	3.3	4.8	3.2	3.7	5.0	5.3	4.5 B	15
16	2.5 B	6.0 B	6.1	9.9	14.4	3.6	4.3	3.2	4.6	4.4	5.1	4.5 B	16
17	2.5 B	6.0	6.3	10.1	14.2	4.1	3.7	3.1	3.8	4.2	5.1	5.8	17
18	2.5 B	5.2	9.2	9.7	7.2	4.3	3.4	3.0	4.8	4.2	5.1	6.0	18
19	2.5 B	5.0	18.3	8.4	6.0	3.7	3.3	4.0	4.4	4.1	4.9	6.1	19
20	3.2 B	4.6	21.4	33.0	5.1	3.4	12.1	4.2	4.0	4.1	12.7	6.1	20
21	4.1 B	4.7	25.6	18.4	4.7	3.4	6.6	3.4	3.8	6.8	8.1	4.6	21
22	4.3 B	5.1	26.7	11.9	6.0	3.2	4.6	3.2	3.8	9.1	6.4	4.4	22
23	4.4 B	5.0	28.1	10.1	5.7	3.1	4.1	3.3	3.7	5.3	5.5	5.0 B	23
24	4.3 B	5.0	25.5	13.3	5.0	3.0	3.8	3.2	3.7	4.7	4.7	5.0 B	24
25	5.1 B	4.3	23.4	13.3	5.1	3.2	3.7	3.1	6.9	4.5	4.6	5.0 B	25
26	4.8	5.7	29.6	9.6	7.5	3.4	3.5	3.2	5.1	4.5	5.0	5.0 B	26
27	4.7	5.0	20.3	8.5	5.2	7.0	3.2	3.1	6.4	4.3	5.8	5.0 B	27
28	4.8	4.8	13.4	7.8	4.8	3.9	3.4	3.1	4.5	4.3	9.0	5.0 B	28
29	6.0		8.3 B	7.3	4.5	3.9	3.5	3.1	4.2	4.2	6.7	4.7 B	29
30	6.0 B		9.0 B	7.0	4.3	3.5	3.4	4.3	4.3	6.8	6.2	4.3 B	30
31	6.0 B		8.3 B		4.3		3.5	5.7		15.2		4.3 B	31
TOTAL	112.9	157.1	375.0	396.8	193.0	113.5	128.9	105.0	124.3	158.5	183.6	169.5	TOTAL
MEAN	3.64	5.61	12.09	13.22	6.22	3.78	4.15	3.38	4.14	5.11	6.12	5.46	MEAN
AC-FT	223.93	311.6	743.81	787.05	382.81	225.12	255.67	208.26	246.54	314.38	364.17	336.2	AC-FT
MAX	6.0	11.4	29.6	33.0	14.4	7.0	12.1	5.7	6.9	15.2	12.7	11.6	MAX
MIN	1.7	4.1	4.7	7.0	4.3	3.0	3.0	3.0	3.3	4.0	4.4	4.0	MIN

SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 6.1 CFS
TOTAL DISCHARGE, 4400 AC-FT
MAXIMUM DAILY DISCHARGE, 33.0 CFS
MINIMUM DAILY DISCHARGE, 1.7 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.1 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

MACKIE CREEK NEAR STEPHENS GULCH - STATION NO. 02HD222

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.1 B	4.1 B	11.2	22.0	7.2	4.1	4.1	3.4	3.1	3.3	3.9	4.0 B	01
02	4.6	4.2 B	10.3 B	92.9	8.2	5.0	3.6	3.4	3.1	3.2	4.0	4.2 B	02
03	4.9	4.3 B	7.7	37.0	7.3	8.4	3.4	3.3	3.2	3.2	3.9	5.1	03
04	5.3	4.7 B	6.3	16.1 B	6.6	5.4	3.3	3.2	3.3	3.3	3.8	4.8	04
05	6.7	6.4 B	6.8 B	16.5 B	6.1	4.9	3.5	3.1	3.6	3.2	4.0	4.1 B	05
06	5.0	7.4	7.1 B	28.3 B	5.9	4.7	17.8	3.0	3.7	3.5	4.1	7.2 B	06
07	4.3 B	5.2 B	6.8 B	38.7 B	5.6	4.5	5.2	3.0	4.5 E	3.4	4.8	8.8 B	07
08	4.3 B	5.2	6.0 B	27.1 B	5.6	5.4	4.4	3.0	3.7 E	3.3	4.2	6.7	08
09	4.7 B	5.0	6.0 B	38.7	6.1	5.0	4.0	2.8	3.4 E	4.5	4.2	9.8	09
10	4.8	4.1 B	6.0 B	30.2	5.6	4.3	3.6	3.0	3.2	5.8	5.0	13.2	10
11	4.8	4.7 B	5.7	22.6	5.3	4.1	3.5	3.4	3.2	4.3	5.1	10.6	11
12	4.4 B	4.9 B	5.4	21.9	5.7	4.1	3.4	2.9	3.2	4.0	5.0	6.7	12
13	4.8 B	4.9	5.3	32.2	5.6	10.3	4.1	2.8	3.9	3.9	5.2	5.9	13
14	4.8	4.2 B	5.2	21.6	5.0	5.6	4.1	2.9	3.8	5.0	4.8	5.4	14
15	4.8	5.1 B	8.5	14.1	4.8	4.7	3.2	2.8	3.5	4.4	5.7	12.4	15
16	4.5 B	5.2 B	18.3	13.7	4.9	4.4	3.2	2.6	3.5	4.1	4.9	11.5	16
17	4.8 B	5.1	15.4	13.3	4.8	4.2	3.9	2.5	3.9	3.8	4.7	7.1	17
18	4.8 B	4.9	13.0 B	13.4	4.5	4.0	3.2	2.5	3.4	3.9	4.5	4.3 B	18
19	4.8 B	4.8	11.2	14.1	4.5	3.9	3.3	2.5	3.3	3.8	5.2	4.3 B	19
20	4.8 B	6.3	9.0	12.9	5.1	3.9	3.3	2.6	11.4	3.7	5.4	5.7 B	20
21	4.9 B	7.1	7.2	11.3	4.9	4.0	3.1	2.8	6.9	3.7	6.0	6.0 B	21
22	4.7	5.7	7.1 B	10.1	4.6	3.6	3.2	3.2	4.5	3.7	4.9	4.0 B	22
23	4.5	7.6	6.5 B	8.9	4.5	3.4	4.0	4.9	4.1	4.1	3.8	5.1 B	23
24	4.1	6.5	5.7 B	8.4	4.5	3.6	4.0	3.2	3.9	4.2	4.2	7.0 B	24
25	4.3	6.0	5.7 B	8.2	5.3	5.0	3.9	3.2	3.6	7.0	4.5	5.3 B	25
26	4.5 B	6.3	6.5 B	8.0	5.1	4.6	5.8	3.9	3.6	5.3	4.7	5.7 B	26
27	3.9 B	12.5	6.8 B	7.5	5.7	4.7	5.2	6.1	3.6	4.8	5.9	5.3	27
28	4.3 B	14.7	6.7	7.6	5.1	16.5	4.0	5.2	3.8	4.4	6.8	5.6	28
29	4.3 B		6.7	8.7	4.6	5.4	4.1	4.5	3.9	4.1	5.6	5.3	29
30	4.1 B		7.7	7.7	4.5	4.5	3.6	3.6	3.3	4.0	5.1	3.3 B	30
31	4.1 B		10.7 B		4.3		3.6	3.4		3.9		3.9 B	31
TOTAL	143.7	167.1	248.5	613.7	167.5	156.2	132.6	102.7	119.1	126.8	143.9	198.3	TOTAL
MEAN	4.63	5.96	8.01	20.45	5.4	5.2	4.27	3.31	3.97	4.09	4.79	6.39	MEAN
AC-FT	285.02	331.44	492.89	1217.27	332.23	309.82	263.01	203.7	236.23	251.5	285.42	393.32	AC-FT
MAX	6.7	14.7	18.3	92.9	8.2	16.5	17.8	6.1	11.4	7.0	6.8	13.2	MAX
MIN	3.9	4.1	5.2	7.5	4.3	3.4	3.1	2.5	3.1	3.2	3.8	3.3	MIN

SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 6.4 CFS
TOTAL DISCHARGE, 4600 AC-FT
MAXIMUM DAILY DISCHARGE, 93.0 CFS
MINIMUM DAILY DISCHARGE, 2.0 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.1 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

MACKIE CREEK NEAR STEPHENS GULCH -- STATION NO. 02HD222

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.6 B	4.2 B	5.2	28.6	9.0	5.6	4.8	3.3 E	3.4	5.6	5.5	5.7	01
02	4.5 B	4.2 B	5.3 B	34.8	12.4	6.2	4.2	4.9 E	3.4	5.0	8.5	4.8	02
03	4.8 B	4.3 B	5.2 B	48.4	17.1	5.2	4.3	6.5 E	3.6	4.6	7.6	5.1	03
04	5.0	4.4 B	5.2 B	35.2	10.1	5.1	4.3	5.3 E	3.3	4.4	6.1	3.4	04
05	4.0	4.5 B	5.2	17.4 B	8.4	4.6	3.9	4.4 E	3.2	4.2	6.3	4.9	05
06	4.6 B	4.5 B	4.8 B	13.2	9.3	4.6	3.8	3.8 E	3.2	5.3	5.7	15.4	06
07	5.0	4.3 B	5.3 B	8.7 B	9.3	4.5	3.5	5.0 E	3.2	7.0	5.6	6.9	07
08	3.9	4.2 B	5.7 B	7.8 B	8.0	4.4	3.5	7.3 E	10.2	5.0	19.2	5.9	08
09	5.2	4.5 B	4.7 B	13.3 B	7.2	5.0	3.5	9.6 E	5.4	4.7	9.9	5.9	09
10	6.3	4.6 B	4.8 B	34.2	6.6	4.3	4.0	5.4 E	4.2	4.4	7.2	6.0	10
11	5.6	4.6 B	4.7 B	100.0	6.3	4.1	3.8	4.6	3.9	4.3	6.8	4.5 B	11
12	5.3	4.6 B	5.3	66.7	6.0	4.2	3.4	4.6	3.8	4.4	6.6	5.1	12
13	5.1	4.9 B	5.4	159.0	6.0	4.3	4.1	4.1	3.8	4.3	6.1	36.6	13
14	4.1 B	9.4 B	5.3	53.1	8.0	4.3	5.3	4.2	3.9	4.3	5.9	11.7	14
15	4.2 B	8.5 B	5.2	37.8	9.7	4.3	8.3	3.9	3.5	5.0	5.7	7.4	15
16	5.3 B	6.7 B	5.9	35.7	8.5	4.0	11.5	3.7	3.4	4.7	5.4	7.0 B	16
17	5.3 B	5.9 B	9.0	54.3	8.2	3.7	5.1	4.4	3.3	4.5	5.6	6.5 B	17
18	5.3 B	6.4 B	9.4	29.6	8.0	3.6	4.3	4.3	3.2	4.4	5.9	6.7 B	18
19	7.3 B	5.8	7.7 E	24.0	6.6	3.5	4.1	3.8	3.3	4.4	5.9	6.6	19
20	5.9	3.8 B	7.3 E	24.2	6.0	3.5	4.0	3.4	3.2	4.3	6.1	6.5	20
21	5.0	4.9 B	7.2 E	16.5	5.7	4.1	3.9	3.3	3.2	4.4	5.5	6.2	21
22	5.3 B	4.9 B	16.7	22.9	5.2	7.0	3.7	3.3	3.1	6.3	5.1	6.3	22
23	7.1 B	4.6 B	21.9	20.3	5.0	8.6	5.6	6.3	3.1	21.7	5.0	6.4	23
24	7.1 B	5.0 B	18.3 B	14.9	4.8	11.7	5.4 E	5.3	4.2	9.6	5.3	6.8	24
25	6.5 B	4.2 B	12.1 B	12.2	4.7	6.5	5.5 E	4.4	4.1	7.1	5.7	7.1	25
26	4.2 B	4.2 B	8.8 B	11.1	4.6	5.5	4.5 E	3.9	5.9	6.1	10.4	7.5	26
27	4.2 B	4.4 B	7.7 B	10.5	4.5	5.7 E	4.0 E	10.1	4.9	5.6	9.4	7.4	27
28	4.2 B	4.9 B	7.5 B	10.1	4.4	4.7 E	3.8 E	6.4	4.0	6.0	7.0	6.5	28
29	4.1 B	5.1	8.8	9.9	4.4	4.3	3.7 E	4.4	4.4	10.4	6.1	5.5 B	29
30	4.1 B		15.9	9.3	5.2	5.4	3.6 E	3.8	10.3	7.2	5.5	6.6 B	30
31	3.9 B		21.9		5.9		3.4 E	3.5		5.8		19.6	31
TOTAL	157.0	146.5	263.4	963.7	225.6	152.5	140.8	151.2	125.6	185.0	206.6	248.7	TOTAL
MEAN	5.06	5.05	8.49	32.12	7.27	5.08	4.54	4.87	4.18	5.96	6.88	8.02	MEAN
AC-FT	311.4	290.58	522.45	1911.49	447.47	302.48	279.27	299.9	249.12	366.94	409.79	493.29	AC-FT
MAX	7.3	9.4	21.9	159.0	17.1	11.7	11.5	10.1	10.3	21.7	19.2	36.6	MAX
MIN	3.9	3.8	4.7	7.8	4.4	3.5	3.4	3.3	3.1	4.2	5.0	3.4	MIN

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 8.0 CFS
TOTAL DISCHARGE, 5880 AC-FT
MAXIMUM DAILY DISCHARGE, 159.0 CFS
MINIMUM DAILY DISCHARGE, 3.1 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.1 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

MACKIE CREEK NEAR STEPHENS GULCH -- STATION NO. 02HD222

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	23.5	14.0	4.9 B	91.8	7.3	7.1	4.3	5.6	3.0	3.0	8.4	5.5	01
02	9.0 B	71.8	5.8 B	32.4	8.7	6.0	3.9	4.3	2.9	3.7	8.3	4.7	02
03	7.4 B	22.2	35.5	32.1	12.9	5.4	3.6	3.6	2.8	5.1	7.3	4.8	03
04	12.9	8.7	191.0	18.7	8.4	5.4	3.6	3.2	2.6	4.2	5.6	5.2	04
05	10.0	7.1	11.5	20.1	7.4	7.0	4.5	2.9	2.6	4.3	4.6	6.3	05
06	6.3 B	5.8 B	40.3	12.3	6.5	6.2	3.6	2.9	2.6	3.5	4.4	6.0	06
07	6.2 B	6.5 B	38.7	10.5	5.8	8.8	3.3	2.9	2.6	3.4	4.3	5.2	07
08	5.2 B	6.0	18.6	9.3	8.5	5.9	3.3	2.9	2.5	3.2	4.5	4.8	08
09	5.1 B	3.6 B	10.3	8.4	16.9	5.1	3.0	2.8	2.5	3.2	4.9	4.9	09
10	5.1 B	4.3 B	11.5	8.7	10.0	4.6	2.9	3.5	2.6	3.2	4.6	5.3	10
11	5.0 B	3.5 B	55.6	8.5	15.7	4.4	2.8	3.1	2.4	3.2	4.0	5.1	11
12	4.8	3.9 B	20.2	7.7	9.5	4.2	2.8	2.8	2.4	3.3	4.2	4.8	12
13	4.9	4.2 B	11.7	7.2	7.9	4.2	3.0	2.7	2.6	3.6	4.4	4.8	13
14	5.1	4.5 B	11.1	7.0	7.1	4.1	3.7	2.6	2.6	4.8	4.3	4.6 B	14
15	5.3	4.6 B	15.8	7.1	7.1	4.0	3.1	2.6	2.6	3.6	4.2	4.7 B	15
16	5.3	4.7 B	13.0	7.1	7.0	4.3	2.9	2.5	2.6	3.5	11.8	4.6 B	16
17	5.4	4.8 B	55.7	7.3	7.1	4.2	2.7	2.5	2.7	3.9	7.1	4.6 B	17
18	8.4	4.9 B	14.2	6.8	6.6	4.8	2.6	14.9	4.8	3.8	5.3	4.5 B	18
19	29.5	4.9 B	9.7	7.0	6.0	4.6	2.6	5.7	3.1	4.1	5.2	4.5 B	19
20	16.7 B	4.9 B	8.9	6.7	5.6	4.3	2.8	4.2	3.1	4.9	5.1	4.4 B	20
21	7.8 B	4.9 B	8.1	6.2	5.9	4.0	2.9	3.7	2.9	4.0	4.7	4.4 B	21
22	18.1	4.9 B	7.9	8.2	5.4	3.9	2.6	3.4	3.9	3.8	6.3	4.3 B	22
23	26.9	4.9 B	9.9	7.6	5.2	3.8	2.5	3.2	4.9	3.7	5.8	4.3 B	23
24	11.3	4.9	12.4	6.5	5.2	4.7	2.4	3.1	4.4	3.6	5.0	4.3 B	24
25	8.0 B	4.9	11.7	5.9	5.2	4.3	2.7	3.1	3.7	3.5	7.3	4.5 B	25
26	8.4	4.9	11.1	5.7	5.7	3.7	3.2	3.0	3.5	3.5	5.7	6.9	26
27	8.6	4.2 B	9.0	6.7	6.0	3.7	3.5	3.2	3.4	3.4	5.0	9.6	27
28	8.1	4.7 B	8.1	15.2	14.3	8.9	4.0	3.0	3.3	3.4	6.0	8.4	28
29	5.7		9.4	10.1	9.1	8.0	4.5	2.7	3.2	6.1	11.3	6.8	29
30	6.0 B		15.7	7.3	6.9	4.7	3.2	2.7	3.0	7.1	6.9	6.0	30
31	7.0 B		16.1		9.4		3.1	3.3		8.8		5.4	31
TOTAL	297.0	233.2	703.4	396.1	250.3	154.3	99.6	112.6	91.8	126.4	176.5	164.2	TOTAL
MEAN	9.58	8.32	22.69	13.2	8.07	5.14	3.21	3.63	3.06	4.07	5.88	5.29	MEAN
AC-FT	589.09	462.55	1395.19	785.66	496.47	306.05	197.55	223.34	182.08	250.71	350.08	325.69	AC-FT
MAX	29.5	71.8	191.0	91.8	16.9	8.9	4.5	14.9	4.9	8.8	11.8	9.6	MAX
MIN	4.8	3.5	4.9	5.7	5.2	3.7	2.4	2.5	2.4	3.0	4.0	4.3	MIN

SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 7.7 CFS
TOTAL DISCHARGE, 5660 AC-FT
MAXIMUM DAILY DISCHARGE, 191.0 CFS
MINIMUM DAILY DISCHARGE, 2.4 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.1 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.0 B	6.6 B	14.9	17.4	8.1	4.9	5.4	3.9	3.1	4.3	4.3	4.2 B	31
02	4.8 B	4.8 B	9.4	41.2	5.7	4.5	4.6	3.9	3.0	4.3	4.3	4.6 B	02
03	4.8 B	4.7 B	9.1	15.8	5.6	4.4	4.8	3.8	4.3	4.1	4.3	4.7 B	03
04	4.8 B	4.8 B	40.9	110.0	5.4	4.4	7.8	4.5	3.5	4.0	5.0	4.5 B	04
05	4.7 B	4.7 B	173.0	14.6	5.2	4.3	5.4	4.2	3.0	3.9	4.7	4.4 E	05
06	4.7 B	4.7 B	23.2	9.4	7.3	4.2	4.6	3.6	2.9	3.8	5.0	4.4	06
07	4.7 B	4.7 B	20.8	8.9	6.3	4.2	4.2	3.2	2.9	4.7	4.4	4.4	07
08	4.7 B	4.6 B	10.6	7.5	5.6	4.1	3.9	3.1	2.9	4.2	4.2	8.6 B	08
09	4.7 B	4.6 B	7.9	6.6	10.2	4.2	3.8	3.2	2.8	4.2	4.2	7.2 B	09
10	4.7 B	4.6 B	7.3 B	6.5	7.7	4.1	4.6	3.1	2.9	4.2	4.2	5.1 B	10
11	4.6 B	4.6	6.8 B	6.8	6.2	4.0	3.7	3.1	3.1	4.0	4.1	4.7	11
12	4.6 B	4.5	6.5 B	8.5	47.3	4.2	3.4	3.8	3.4	4.2	6.4	6.4	12
13	4.6 B	4.6 B	6.3 B	11.1	13.9	4.0	3.3	4.0	4.0	4.1	6.0	6.3	13
14	4.5 B	4.6 B	6.0 B	23.0	8.7	4.0	3.5	3.3	3.6	7.4	6.8	5.7	14
15	4.4	4.5 B	5.7 B	16.9	12.4	7.0	3.9	3.1	3.3	5.5	5.3	5.0	15
16	4.4	4.3	5.5	9.1	16.0	8.4	3.2	2.9	3.2	4.7	4.8	6.1	16
17	4.3 B	4.4	5.5 B	7.8	37.1	5.2	3.1	3.1	3.2	4.0	5.1	7.1	17
18	4.1 B	4.3	5.5 B	7.4	9.5	6.0	3.3	3.0	3.4	4.3	4.9	4.1	18
19	4.1 B	4.5	5.5 B	6.6	7.4	12.0	3.2	2.8	3.2	4.1	4.7	5.3	19
20	4.2 B	4.5	5.5 B	6.2	6.6	11.2	3.0	2.8	3.2	4.0	13.2	5.0 B	20
21	6.5	4.5	5.5 B	6.1	6.2	5.6	2.9	2.7	3.1	4.0	12.8	4.9	21
22	6.2	12.2	5.4 B	12.3	5.8	4.7	2.8	2.7	3.1	4.2	5.3	4.8	22
23	6.9	12.3 B	5.3 B	13.0	5.9	4.2	2.9	2.8	3.1	4.2	5.3	5.0	23
24	6.3	5.6 B	5.4 B	10.1	5.4	4.0	3.3	3.1	3.2	4.0	6.7	5.3	24
25	5.5	5.3 B	5.3 B	7.5	5.9	4.1	3.3	2.9	4.0	4.1	5.4	5.3	25
26	5.4	5.2 B	5.3 B	6.7	5.5	4.0	3.6	2.7	4.1	4.0	4.6 B	5.0 B	26
27	66.7	5.1	5.3 B	6.1	5.4	3.7	4.0	7.0	3.5	3.9	4.4 B	4.6	27
28	18.5	11.6	5.2 B	5.9	5.5	3.5	3.5	4.1	4.9	3.8	4.3 B	4.7	28
29	10.8		5.2 B	6.8	7.0	7.5	4.5	3.4	8.1	3.9	4.2 B	4.8	29
30	11.2		6.7	6.8	5.7	7.1	6.0	3.1	5.1	4.7	4.2 B	4.8	30
31	13.4		23.4		5.2		4.4	3.2		4.5		4.6 B	31
TOTAL	248.8	155.4	453.9	422.6	295.7	157.7	168.9	106.1	107.1	133.9	164.1	164.3	TOTAL
MEAN	8.02	5.55	14.64	14.08	9.53	5.25	5.44	3.42	3.57	4.31	5.47	5.3	MEAN
AC-FT	493.49	308.23	900.31	838.22	586.52	312.79	335.01	210.44	212.43	265.59	325.49	325.68	AC-FT
MAX	66.7	12.3	173.0	110.0	47.3	12.0	49.8	7.0	8.1	7.4	13.2	6.6	MAX
MIN	4.1	4.3	5.2	5.9	5.2	3.5	2.8	2.7	2.8	3.8	4.1	4.2	MIN

SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 7.1 CFS
TOTAL DISCHARGE, 5110 AC-FT
MAXIMUM DAILY DISCHARGE, 173.0 CFS
MINIMUM DAILY DISCHARGE, 2.7 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.1 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

MAC KIE CREEK NEAR STEPHENS GULCH - STATION NO. 02HD222

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.7	4.4 B	6.7 B	7.0	6.5 E	7.9	2.6	2.4	3.8	3.7	5.4	7.3	01
02	4.7	4.5 B	6.5 B	6.7	6.6 E	5.3	2.6	2.4	3.6	4.1	4.7	5.0 B	02
03	4.8	4.5 B	6.4 B	6.7 B	6.4 E	4.9	3.0	2.8	3.1	3.5	4.4 E	4.7 B	03
04	4.6	4.6 B	6.3 B	6.5 B	10.0 E	4.6	2.8	3.0	3.0	3.4	4.1 E	4.5 B	04
05	4.5	4.7 B	6.3 B	6.3 B	14.0 E	4.6	2.5	2.6	3.0	3.5	3.9 E	4.6 B	05
06	4.5	4.5	6.0	6.2 B	7.5 E	4.9	2.4	2.5	3.0	3.5	4.0 E	4.7	06
07	4.7	4.4	5.9	6.6	5.9 E	4.4	2.3	2.5	2.9	3.3	4.2 E	6.2 B	07
08	4.9	4.3	5.7 B	7.9	5.5 E	4.2	2.4	2.3	3.0	3.3	4.2 E	5.0 B	08
09	26.4	4.3 B	5.6 B	9.5 B	5.2	4.0	2.6	2.3	2.8	3.2	4.0 E	4.4 B	09
10	10.8	4.3 B	5.5 B	9.2 B	4.9	3.6	2.6	2.3	2.8	3.6	11.0 E	4.7 B	10
11	18.0	4.2 B	5.5	9.5	4.9	3.5	3.7	3.0	3.3	3.7	5.2 E	4.6 B	11
12	8.3	4.1	6.5	8.9 B	4.9	6.3	3.0	2.7	9.3	3.5	4.7 E	4.5 B	12
13	6.5 B	4.2 B	12.4 B	9.0	4.8	4.9	2.9	2.5	4.4	4.0	4.3 E	4.5 B	13
14	6.0 B	4.3	7.2 B	10.8	4.5	4.6	2.8	2.6	4.0	4.2	4.1 E	5.2 B	14
15	5.6 B	4.3	6.3 B	11.8	4.6	4.2	2.7	2.3	3.5	3.6 E	4.6 E	10.2	15
16	5.3 B	4.5	15.7 B	12.3	6.0	5.0	2.6	2.5	3.5	3.4 E	3.9 E	6.4 B	16
17	5.0 B	4.7	35.5	13.0	4.8	4.0	2.6	2.4	3.5	3.4 E	3.9 E	4.9 B	17
18	4.8	6.8	33.9	13.9	4.4	4.1	2.6	2.3	4.0	4.7 E	3.6 E	4.3 B	18
19	4.9 B	7.0	114.0	104.0	4.5	7.3	3.8	2.3	10.6	3.8 E	4.0	4.1 B	19
20	4.9 B	6.2	34.8	14.3	4.3	5.0	6.2	2.3	6.2	3.8 E	4.0	4.0 E	20
21	5.0	5.5	11.9	9.3	5.8	4.0	5.2	2.4	5.0	3.8 E	4.5	3.9 B	21
22	4.6	9.9	49.4	7.6	4.8	3.6	3.6	2.6	4.4	3.6 E	4.5	3.9 B	22
23	4.2	48.5	14.8	7.6	4.3	3.6	3.1	2.4	4.1	3.6 E	4.3	3.8 B	23
24	4.5	342.0	20.7	16.9	4.0	3.7	3.4	5.2	3.8	3.6 E	4.0	3.7 B	24
25	5.6	29.4	21.8	9.1	3.9	3.2	3.2	4.1	3.6	3.4 E	3.4	3.7 B	25
26	9.0	8.9	9.5 B	7.2	4.2	3.0	3.0	3.4	3.8	3.4 E	3.6	3.7 B	26
27	6.1 B	7.2 B	7.5 B	7.1 E	4.6	2.9	3.0	3.1	3.7	3.4 E	7.0	3.8 B	27
28	5.4	6.7	7.1 B	6.9 E	3.8	2.9	3.1	2.8	3.6	4.2	6.4	3.9 B	28
29	5.9		8.8 B	6.2 E	3.6	2.9	2.7	3.0	3.3	4.0	5.1	4.0 B	29
30	5.6 B		7.6	6.3 E	11.5	2.7	2.6	4.5	3.4	3.6	6.6	3.8	30
31	4.4 B		7.1 B		11.0		2.5	3.5		3.5		8.1	31
TOTAL	204.2	552.9	498.9	364.3	181.7	129.8	94.1	87.0	122.0	113.3	141.4	164.3	TOTAL
MEAN	6.58	19.74	16.09	12.14	5.86	4.32	3.03	2.8	4.06	3.05	4.71	5.3	MEAN
AC-FT	405.03	1096.67	989.56	722.58	360.4	257.45	186.64	172.56	241.96	224.73	280.46	325.88	AC-FT
MAX	26.4	342.0	114.0	104.0	14.0	7.9	6.2	5.2	10.6	4.7	11.0	10.2	MAX
MIN	4.2	4.1	5.5	6.2	3.6	2.7	2.3	2.3	2.8	3.2	3.4	3.7	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 7.3 CFS
TOTAL DISCHARGE, 5260 AC-FT
MAXIMUM DAILY DISCHARGE, 342.0 CFS
MINIMUM DAILY DISCHARGE, 2.3 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.1 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.5 B	5.1 B	14.2	28.4	5.5	9.1	11.1	9.9	4.9	3.5	4.2	4.4 B	01
02	5.0 B	4.9 B	10.4 B	15.6	5.5	6.4	7.1	4.7	4.2	3.5	4.1	4.3 B	02
03	4.3 B	4.7 B	9.1 B	12.0	7.9	5.1	7.7	4.0	3.5	3.4	4.3	4.2 B	03
04	4.7 B	4.4 B	9.7 B	9.4	5.8	4.6	7.3	3.6	4.2	3.4	4.2	4.2 B	04
05	4.6 B	3.8 B	48.0	8.4	5.3	4.4	5.0	3.6	3.6	3.3	4.1	4.2 B	05
06	4.6 B	3.5 B	34.5	8.1	7.6	4.2	4.4	3.7	3.3	3.5	4.1	4.2 B	06
07	4.5 B	3.5 B	11.9 B	7.6	24.2	4.5	4.2	3.3	3.2	5.7	4.2	4.5 B	07
08	4.5 B	4.1 B	8.1 B	7.0	11.0	4.1	4.5	3.5	3.1	4.3	4.0	4.5 B	08
09	4.4 B	4.0 B	7.9 B	6.7	7.3	4.1	3.9	4.0	3.1	5.3	3.8	4.5 B	09
10	4.3 B	4.3 B	7.6 B	6.7	6.3	3.9	3.7	3.7	4.6	6.2	4.2	4.5 B	10
11	4.3 B	4.6 B	6.9 B	6.4	7.0	3.9	8.3	3.2	4.2	4.4	4.2	4.5 B	11
12	4.2 B	4.4	6.5 B	5.6	8.1	3.7	6.3	3.5	3.8	4.1	4.1	4.5 B	12
13	4.3 B	4.5	14.4 B	6.0	5.9	3.7	4.7	4.8	3.3	4.0	4.3	4.5 B	13
14	4.4 B	4.5	10.9 B	5.9	5.8	8.3	4.1	6.0	3.2	4.0	4.4	4.5 B	14
15	4.3 B	4.8	7.6 B	12.6	6.1	4.6	3.8	4.9	3.2	4.0	4.3	4.5 B	15
16	4.2 B	9.1	6.9 B	21.4	28.7	6.0	3.9	3.9	3.3	3.7	4.1	4.4 B	16
17	4.2 B	10.1	6.5 B	9.2	45.8	5.3	4.0	3.4	3.4	3.7	4.1	4.3 B	17
18	4.1 B	12.4	6.5 B	7.3	13.1	4.4	4.6	3.2	3.9	3.7	4.3	4.2 B	18
19	4.1 B	34.0	10.8 B	6.5	15.6	5.6	3.7	3.1	3.4	3.7	4.4	4.5 B	19
20	4.1 B	16.6	109.0	5.9	12.5	5.2	3.8	3.1	4.5	4.7	4.4	5.5 B	20
21	4.1 B	10.6	120.0	5.6	7.6	4.5	4.7	3.1	4.3	6.3	3.9	6.2 B	21
22	4.1 B	28.7 B	11.0 B	8.1	6.7	10.8	3.6	3.0	5.1	4.9	4.0	4.9 B	22
23	4.0 B	13.3 B	18.7 B	8.2	6.1	5.2	3.4	2.9	5.2	4.6	4.2	4.8 B	23
24	4.0 B	10.7 B	27.7	6.4	5.7	4.5	3.8	2.8	4.3	4.4	4.2	4.7 B	24
25	4.0 B	15.8	35.3	18.4	5.6	10.1	3.2	2.8	3.8	4.7	4.1	4.7 B	25
26	5.0 B	28.6	19.5	15.5	5.7	5.3	3.2	2.9	4.0	4.4	6.5	4.6 B	26
27	4.5 B	31.4	36.0	11.0	6.0	5.1	3.8	3.1	5.2	4.1	11.8	4.6 B	27
28	7.2 B	21.4	20.6	8.1	5.1	4.2	3.3	3.7	4.3	4.1	6.6	4.5 B	28
29	5.9 B	16.8	12.7	6.9	4.9	5.1	6.2	4.2	3.9	4.2	5.1 B	4.4 B	29
30	5.5 B		14.4	6.0	4.9	14.0	5.7	3.2	3.6	4.2	4.5 B	4.3 B	30
31	5.3 B		47.4		14.4		11.6	3.1		4.3		4.2 B	31
TOTAL	146.7	323.6	710.1	291.8	307.7	169.9	158.6	117.9	117.6	132.3	138.7	140.8	TOTAL
MEAN	4.73	11.15	22.9	9.72	9.92	5.66	5.11	3.8	3.92	4.26	4.62	4.54	MEAN
AC-FT	290.97	641.86	1408.48	578.78	610.32	336.99	314.58	233.85	233.25	262.41	275.11	279.27	AC-FT
MAX	8.5	34.0	120.0	28.8	45.8	14.0	11.6	9.9	5.2	6.3	11.8	6.2	MAX
MIN	4.0	3.5	6.5	5.6	4.9	3.7	3.2	2.8	3.1	3.3	3.8	4.2	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 7.5 CFS
TOTAL DISCHARGE, 5470 AC-FT
MAXIMUM DAILY DISCHARGE, 120.0 CFS
MINIMUM DAILY DISCHARGE, 2.8 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.1 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MACKIE CREEK NEAR STEPHENS GULCH - STATION NO. 02HD222

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.2 B	3.7 B	5.1	7.5	4.8	4.8	4.2	4.6	3.4	10.1	4.7	40.7	01
02	4.2 B	3.7 B	4.9	12.6	5.4	4.4	3.6	3.3	13.2	8.0	4.8	15.5	02
03	4.0 B	3.7 B	4.7	28.7	4.8	3.8	3.2	3.0	6.0	5.9	4.8	9.5	03
04	4.0 B	3.7 B	9.5	9.2	4.6	3.4	3.3	3.1	4.3	4.9	4.9	7.8 B	04
05	3.8 B	3.7 B	40.7	22.8	4.7	3.3	3.3	3.5	4.0	4.5	4.8	7.3 B	05
06	3.9 B	3.7 B	19.0	9.1	4.7	3.2	4.2	4.2	3.7	4.5	4.8	7.3 B	06
07	3.8 B	3.8 B	10.3	7.4	4.2	3.2	4.6	3.9	3.6	4.2	14.6	7.3 B	07
08	3.8 B	3.7 B	9.6	7.2	4.4	3.1	4.5	3.5	3.6	9.4	27.1	7.2 B	08
09	3.8 B	4.0 B	44.5	8.2	5.1	3.0	3.6	3.5	3.6	17.9	8.6	7.3 B	09
10	3.8 B	3.9 B	50.3	8.2	4.5	3.0	3.1	7.4	3.8	7.6	21.1	7.4 B	10
11	3.8 B	4.1 B	37.6	7.9	4.2	3.0	3.0	6.4	3.7	5.8	12.9	7.4 B	11
12	3.8 B	4.2 B	35.9	7.6	4.0	2.9	3.4	4.0	3.7	5.6	7.7	7.5 B	12
13	3.8 B	5.6 B	165.0	7.0	3.9	3.0	3.4	4.8	4.8	5.2	6.7	7.6 B	13
14	3.8 B	4.9 B	25.0	6.5	3.8	2.8	2.8	3.6	5.4	5.1	6.0	24.5 B	14
15	3.7 B	4.5 B	16.8	5.9	3.7	2.7	2.8	3.1	4.1	5.0	6.5	20.8	15
16	3.8 B	4.3 B	15.1	5.5	3.0	2.7	3.2	5.8	5.8	5.3	13.3	15.0	16
17	3.8 B	4.3 B	9.9	5.3	3.6	3.1	3.0	7.1	6.1	5.1	27.5	12.7	17
18	3.8 B	4.2 B	6.0	5.2	4.1	4.5	3.0	3.9	4.8	4.8	14.1	11.0	18
19	3.7 B	4.1 B	8.2	5.2	4.1	4.0	3.3	3.5	4.7	5.0	10.0	10.1	19
20	3.7 B	4.0 B	7.8	5.1	3.7	3.5	3.0	3.7	7.4	4.8	7.8	10.1	20
21	3.8 B	3.9 B	8.3	5.2	3.5	3.4	2.8	3.5	5.8	4.8	8.1	12.9	21
22	3.8 B	3.8 B	8.8	10.0	3.3	2.9	2.7	6.5	4.8	4.9	7.3	11.2	22
23	3.8 B	3.7 B	8.0	14.8	3.3	2.8	2.5	3.9	4.4	4.7	8.9	10.0	23
24	3.8 B	4.6	7.0	14.5	3.3	2.7	2.7	4.8	4.3	4.8	12.5	9.5	24
25	3.7 B	6.6	6.9	11.7	3.3	4.5	2.9	3.8	13.7	4.8	8.7	25.5	25
26	3.7 B	5.2	6.9	7.6	3.2	3.5	2.6	3.3	10.6	4.9	16.0	15.8 B	26
27	3.7 B	5.2	7.4	6.5	3.1	2.9	2.6	3.4	6.4	5.0	8.1 B	11.0 B	27
28	3.7 B	5.6	10.0	5.8	3.0	2.8	2.7	3.6	5.1	5.0	7.0 B	9.1 B	28
29	3.7 B		14.8	5.2	3.1	5.9	2.8	3.5	4.6	4.8	6.9	8.2 B	29
30	3.7 B		11.4	5.0	3.0	3.8	3.1	3.5	4.4	4.8	7.1	7.9 B	30
31	3.7 B		10.4		2.9		3.8	3.3		4.6		7.7 B	31
TOTAL	118.1	120.4	627.8	268.4	120.9	102.6	99.7	127.6	163.8	181.8	303.3	372.8	TOTAL
MEAN	3.8	4.3	20.25	8.94	3.9	3.42	3.21	4.11	5.46	5.86	10.11	12.02	MEAN
AC-FT	234.25	238.81	1245.24	532.37	239.8	203.5	197.75	253.09	324.89	360.6	601.59	739.44	AC-FT
MAX	4.2	6.6	165.0	28.7	5.4	5.9	4.6	7.4	13.7	17.9	27.5	40.7	MAX
MIN	3.7	3.7	4.7	5.0	2.9	2.7	2.5	3.0	3.4	4.2	4.7	7.2	MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 7.1 CFS
TOTAL DISCHARGE, 5170 AC-FT
MAXIMUM DAILY DISCHARGE, 165 CFS
MINIMUM DAILY DISCHARGE, 2.5 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.1 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	7.6 B	6.8 B	5.6 B	114.0	7.3	5.5							01
02	7.6 B	6.7 B	5.7 B	31.9	7.3	5.6							02
03	7.6 B	6.5 B	5.6 B	17.3	7.0	5.5							03
04	7.6 B	6.5 B	5.6 B	18.1	6.8	5.3							04
05	7.3 B	6.4 B	5.6 B	29.3	7.5	5.7							05
06	7.3 B	6.4 B	5.6 B	23.9	8.4	5.5							06
07	7.1 B	6.3 B	5.5 B	85.1	8.6	5.7							07
08	21.2 B	6.2 B	5.5 B	22.1	7.7	6.4							08
09	27.7 B	6.2 B	5.5 B	16.5	15.1	5.9							09
10	13.6 B	6.1 B	5.5 B	15.1	9.7	5.7							10
11	10.4 B	6.1 B	5.5 B	36.6	7.8	5.4							11
12	8.9 B	6.0 B	5.7 B	24.9	8.2	5.7							12
13	8.1 B	5.9 B	5.9 B	22.0	9.6	8.7							13
14	7.7 B	5.8 B	11.3 B	16.7	43.0	6.1							14
15	7.4 B	5.7 B	15.4 B	13.7	22.0	5.1							15
16	7.0 B	5.7 B	11.3 B	13.1	11.5								16
17	6.7 B	5.6 B	9.4 B	12.6	10.4								17
18	6.7 B	5.5 B	8.6 B	12.4	9.7								18
19	6.7 B	5.5 B	8.4 B	18.1	9.3								19
20	6.6 B	5.5 B	8.5 B	36.9	11.4								20
21	6.6 B	5.6 B	25.3	26.8	14.6								21
22	6.6 B	5.6 B	35.1	14.3	8.2								22
23	6.6 B	5.7 B	38.7	11.5	7.3								23
24	6.6 B	5.7 B	29.3	10.6	6.9								24
25	6.7 B	5.7 B	16.0	9.8	6.6								25
26	15.0 B	5.7 B	11.7	9.2	6.1								26
27	11.3 B	5.7 B	10.9	8.6	5.9								27
28	8.9 B	5.7 B	11.3	8.1	5.9								28
29	7.9 B		15.7	7.8	5.6								29
30	7.4 B		27.9	7.5	5.6								30
31	7.1 B		44.9		5.5								31
TOTAL	281.5	166.8	412.5	694.5	306.5								TOTAL
MEAN	9.08	5.95	13.3	23.15	9.88								MEAN
AC-FT	558.35	330.84	818.19	1377.54	607.94								AC-FT
MAX	27.7	6.8	44.9	114.0	43.0								MAX
MIN	6.6	5.5	5.5	7.5	5.5								MIN

SUMMARY FOR THE YEAR 1978

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.

B - ICE CONDITIONS
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.1 SQUARE MILES.

NATURAL FLOW

REMARKS: BROAD-CRESTED CONCRETE CONTROL

WITH RECTANGULAR CENTRAL NOTCH. STATION DISCONTINUED JUNE 1978.

SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1965

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01												8.7	01
02												9.0	02
03												9.7	03
04												12.1	04
05												9.0	05
06												8.7	06
07												8.0	07
08												7.5	08
09												7.7	09
10												8.4	10
11												8.0	11
12												7.7	12
13												20.1	13
14												13.8	14
15												10.0	15
16												8.9	16
17												8.4	17
18											10.5	8.3	18
19											9.2	7.3	19
20											11.4	7.4	20
21											15.6	6.8	21
22											11.5	6.5	22
23											11.9	7.4	23
24											11.5	20.8	24
25											10.8	24.5	25
26											11.7	17.4	26
27											30.8	10.6	27
28											12.9	8.7	28
29											8.8	8.2	29
30											8.6	9.9	30
31												21.6	31
TOTAL												331.1	TOTAL
MEAN												10.58	MEAN
AC-FT												650.73	AC-FT
MAX												24.5	MAX
MIN												6.5	MIN

SUMMARY FOR THE YEAR 1965

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.

B - ICE CONDITIONS
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.7 SQUARE MILES.

NATURAL FLOW

REMARKS: NATURAL STREAMBED CONTROL.

SOPER CREEK NEAR STEPHENS GULCH -- STATION NO. 02HD223

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	14.8	10.0 B	216.0	8.0	6.2	5.0	4.0	4.0	9.7	4.8	4.9	7.0	01
02	9.0	8.7 B	22.7	9.4	6.1	5.2	3.9	4.7	11.9	4.6	7.9	5.8	02
03	10.5	6.8 B	15.3	8.1	6.4	5.0	3.5	4.4	13.1	4.4	8.6	5.0	03
04	8.9	6.2	13.2	7.0	6.7	5.2	3.7	4.1	18.4	4.9	5.8	5.3	04
05	8.3	6.0 B	34.3	7.3	6.6	5.6	3.7	3.9	7.9	4.7	5.1	5.9	05
06	8.1	6.1 B	10.9	7.8	6.6	5.4	4.0	4.0	6.3	4.5	4.9	8.7	06
07	8.0	6.0	6.4 B	10.0	6.5	5.4	4.0	4.3	5.7	4.4	5.0	45.7	07
08	7.1 B	6.0	6.5 B	9.3	6.2	4.9	3.7	4.0	6.2	4.4	7.3	27.7	08
09	7.0 B	7.2	7.5 B	8.5	5.4	7.3	3.6	3.6	5.6	4.4	15.0	12.9	09
10	6.3 B	25.4	7.5	8.9	5.2	9.6	3.7	3.6	4.6	5.1	18.3	29.2	10
11	6.4 B	66.0	7.1	7.9	5.3	6.3	3.7	5.0	5.0	4.8	9.7	15.9	11
12	8.4 B	15.9	6.8	7.3	6.3	5.5	3.6	4.9	4.3	4.8	6.3	9.5	12
13	11.4 B	10.4	22.2	7.1	7.5	5.4	3.5	4.0	4.7	4.7	5.7	8.0	13
14	11.2 B	7.9	10.4	7.0	5.6	5.7	3.2	4.0	4.3	4.5	5.4	7.7	14
15	10.2 B	8.2	7.7	6.9	5.3	8.5	3.4	4.3	4.6	5.0	5.3	7.4	15
16	11.0 B	7.9	7.0	6.8	6.8	7.7	3.4	4.9	4.2	7.2	5.3	7.8	16
17	13.2 B	7.2	7.0	6.4	6.9	6.5	3.6	4.5	4.2	5.0	5.3	8.3	17
18	11.4 B	7.4	9.2	6.1	6.2	5.5	3.5	4.1	4.2	4.7	5.4	8.9	18
19	10.0 B	6.8 B	13.4	6.3	16.8	3.5	4.1	4.3	4.3	5.1	5.1	6.9	19
20	8.1 B	10.2 B	10.4	8.4	8.1	4.7	3.6	4.0	4.2	4.7	5.0	6.3	20
21	7.2	11.0 B	8.7	8.8	8.0	4.3	3.3	4.3	5.4	4.6	5.2	6.1	21
22	7.0	10.0 B	14.6	7.8	6.2	4.1	3.1	7.0	7.0	4.6	5.1	5.6 B	22
23	6.8	7.8 B	10.7	6.8	5.5	4.0	2.6	7.0	5.6	4.6	5.5	5.5 B	23
24	6.9	7.5	11.9	7.1	5.2	4.1	3.3	5.7	4.8	4.6	5.6	6.1 B	24
25	5.6 B	7.4	9.0	6.8	5.1	3.9	3.4	6.4	4.6	4.6	11.9	6.1 B	25
26	6.4 B	6.9	7.4	6.2	5.0	4.1	3.1	6.8	4.4	4.6	8.2	6.1 B	26
27	7.1	7.5	7.7	6.2	4.5	4.0	3.4	6.7	4.4	4.7	6.2	5.8	27
28	6.5	18.8	7.4	6.5	5.1	4.1	3.8	6.8	4.4	4.7	20.3	5.6 B	28
29	7.4	7.2	6.8	6.8	5.0	4.0	3.9	7.2	5.2	4.6	20.6	5.8 B	29
30	8.0 B	10.4	6.4	5.0	5.0	4.0	3.7	10.1	7.3	4.7	8.6	5.9 B	30
31	9.6 B		8.8		5.1		4.0	10.7		4.8		5.9	31
TOTAL	267.8	313.2	545.3	223.9	196.4	159.7	110.4	163.1	186.5	147.8	238.5	304.4	TOTAL
MEAN	8.63	11.18	17.59	7.46	6.33	5.32	3.56	5.26	6.21	4.76	7.95	9.81	MEAN
AC-FT	531.18	621.23	1081.6	444.1	389.55	316.76	218.97	323.5	369.92	293.16	473.06	603.77	AC-FT
MAX	14.8	66.0	216.0	10.0	16.8	9.6	4.0	10.7	18.4	7.2	20.6	45.7	MAX
MIN	5.6	6.0	6.4	6.1	4.5	3.9	2.6	3.6	4.2	4.4	4.9	5.0	MIN

SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, 7.8 CFS
TOTAL DISCHARGE, 5670 AC-FT
MAXIMUM DAILY DISCHARGE, 216.0 CFS
MINIMUM DAILY DISCHARGE, 2.6 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.7 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.1	7.7 B	5.5 B	26.2	6.0	4.7	6.1	4.5	4.1	5.0	5.8	5.7 B	01
02	6.1	7.0 B	5.5 B	22.9	9.1	4.5	7.8	4.3	3.9	4.7	20.2	5.6	02
03	6.1	5.7 B	5.5 B	46.8	9.9	4.5	7.5	5.2	3.9	4.5	12.0	6.1	03
04	6.2	6.1 B	5.6	12.3	6.8	4.4	5.7	5.5	3.8	4.4	9.4	6.0	04
05	6.2	6.1 B	5.6	12.0	6.4	4.4	5.0	4.5	3.7	4.4	7.2	6.1	05
06	6.0 B	5.9 B	5.5	21.6	6.1	4.5	4.7	4.2	3.7	4.3	6.6	6.3	06
07	6.4 B	5.9 B	5.7 B	13.5	6.9	4.7	4.6	4.1	3.7	4.3	6.2	6.2	07
08	6.2	5.9 B	5.4 B	10.8	11.9	6.5	4.5	4.5	3.8	4.4	6.0	7.1	08
09	5.9	6.0 B	5.6 B	10.4	8.9	5.8	5.7	4.5	3.8	4.9	6.6	6.8	09
10	6.0	6.0 B	6.7	18.5	7.5	10.3	5.8	8.1	3.8	4.5	6.4	5.9	10
11	5.9 B	6.0 B	28.6	9.4	6.6	8.4	5.0	4.6	3.7	4.5	7.4	6.6	11
12	6.2 B	9.5 E	35.2	7.8	8.7	5.5	5.0	4.3	3.7	4.5	10.8	22.2	12
13	6.1	7.5 E	16.2	7.8	6.6	5.4	4.8	4.1	3.7	4.5	12.1	11.2	13
14	6.1	6.5	18.8	11.5	6.1	4.9	4.5	4.0	3.7	4.9	8.1	7.9	14
15	6.2	6.2 B	19.7	18.6	6.5	6.0	4.4	4.0	3.7	4.7	6.9	7.1	15
16	5.8 B	6.3 B	8.6 B	11.4	6.0	5.6	4.4	4.0	3.8	8.7	7.2 E	6.8	16
17	5.9 B	6.6 B	6.5 B	11.2	5.6	7.2	4.3	4.0	3.8	7.9	7.0	6.7	17
18	5.9 B	6.3 B	6.1 B	11.1	5.6	7.0	4.2	4.0	3.8	13.6	13.8	8.8	18
19	6.7 B	6.3 B	6.5 B	8.5	10.9	4.9	4.3	4.1	3.8	22.2	10.4	13.3	19
20	6.6 B	6.2 B	7.9 B	7.5	7.4	4.6	4.2	4.5	3.9	8.1	7.2	7.9	20
21	6.2 B	6.2 B	9.1	7.3	6.4	4.6	4.1	4.1	5.1	6.7	6.6	10.0	21
22	5.8	6.1 B	7.1	28.8	6.9	18.4	4.1	4.0	5.2	6.1	8.1	31.7	22
23	10.2	6.0 B	6.5	10.4	6.3	6.7	5.0	3.9	4.2	5.8	13.6	10.1	23
24	23.2	5.6 B	7.8	8.7	5.7	5.6	5.5	3.9	4.4	5.6	9.6	7.7	24
25	64.2	5.6 B	10.6	7.6	5.5	7.0	4.7	3.9	4.2	7.2	8.2	7.3 B	25
26	14.8	5.6 B	68.5	7.1	5.3	5.5	4.3	4.0	4.1	7.6	8.8	6.7 B	26
27	9.4 B	5.6 B	59.0	6.7	5.3	4.8	4.8	4.2	4.1	6.5	7.4	6.3 B	27
28	8.8 B	5.5 B	32.7	6.3	5.3	4.6	6.9	4.8	11.5	8.8	6.6	6.7	28
29	7.5 B		36.0	6.1	5.1	5.3	4.5	4.2	12.1	6.4	6.2	5.9 B	29
30	7.9 B		24.3	5.9	4.9	6.9	4.2	4.3	5.6	5.9	5.9	5.7 B	30
31	8.3 B		25.7		4.7		4.7	4.5		5.7		6.2 B	31
TOTAL	288.9	175.9	498.0	394.7	212.9	183.2	155.3	137.7	136.3	201.3	264.3	285.2	TOTAL
MEAN	9.31	6.28	16.06	13.15	8.86	6.1	5.0	4.44	4.54	6.49	8.81	9.2	MEAN
AC-FT	573.03	348.89	987.78	782.88	422.28	363.37	308.03	273.12	270.35	399.27	524.23	565.69	AC-FT
MAX	64.2	9.5	68.5	46.8	11.9	18.4	7.8	8.1	12.1	22.2	20.2	31.7	MAX
MIN	5.8	5.5	5.4	5.9	4.7	4.4	4.1	3.9	3.7	4.3	5.8	5.6	MIN

SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, 8.0 CFS
TOTAL DISCHARGE, 5820 AC-FT
MAXIMUM DAILY DISCHARGE, 68.5 CFS
MINIMUM DAILY DISCHARGE, 3.7 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.7 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.9 B	18.5	5.7	13.2	7.1	7.2	5.7	5.4	4.8	4.7	5.3	8.0	01
02	6.9 B	97.0	6.1	9.9	7.6	7.0	5.4	4.4	5.5	4.7	5.3	8.3	02
03	6.9 B	36.1	5.3 E	9.6	7.3	6.8	5.3	3.8	5.5	7.9	5.3	8.6	03
04	6.6 B	19.0	5.3 E	27.1	7.5	6.1	5.4	4.5	5.0	5.6	5.3	15.8	04
05	6.2 B	12.6	5.3 E	14.4	6.7	5.9	5.4	3.7	5.3	5.1	5.3	13.0	05
06	6.3 B	10.1	5.3	10.6	6.3	5.8	5.3	6.1	21.1	5.0	5.3	8.8	06
07	6.2 B	8.8	5.3	9.8	6.1	5.6	5.1	5.3	6.7	5.8	6.6	7.7	07
08	6.8 B	7.5 B	5.5	9.8	6.2	5.6	5.1	5.2	5.7	5.4	6.5	6.9 B	08
09	7.2 B	7.5 B	9.3	9.4	8.3	5.6	5.1	7.0	5.4	5.2	6.4	6.9 B	09
10	7.3 B	6.7 B	29.6	9.1	9.0	5.7	5.4	5.1	5.4	5.3	7.3	6.8 B	10
11	7.2 B	7.0 B	19.6	8.8	7.0	5.8	5.1	4.9	6.8	5.3	6.0	7.0	11
12	7.1 B	7.0 B	8.2	8.5	9.6	6.2	5.0	4.9	6.3	5.2	5.6	6.8	12
13	7.0 B	7.0 B	6.7 B	8.3	8.2	5.8	4.9	4.9	5.3	5.2	5.5	11.9	13
14	7.0 B	7.0 B	5.8 B	8.3	6.9	5.7	4.9	4.8	5.0	5.2	5.5	8.0	14
15	6.9 B	7.0 B	6.7	8.3	7.5	5.7	4.9	4.8	5.0	5.2	7.3	6.4 B	15
16	6.8 B	6.7	68.6	7.9	11.6	5.6	5.1	5.0	4.9	5.3	6.9	6.4 B	16
17	6.7 B	6.5	87.4	7.6	11.0	5.5	5.0	6.6	4.8	5.3	5.9	6.1 B	17
18	6.6 B	6.7 B	77.2	7.4	7.8	5.4	4.9	5.3	4.8	5.3	7.8	6.1	18
19	6.7 B	6.4 B	41.5	7.4	7.4	6.4	5.2	5.2	4.8	10.6	7.1	6.1	19
20	6.4	6.4 B	37.1	7.2	18.7	5.6	5.0	6.1	4.7	6.5	6.2	5.9	20
21	6.3	6.4 B	31.8	7.0	9.5	5.6	4.8	5.2	4.8	5.7	6.2	5.6	21
22	6.4	6.1 B	19.1	7.1	8.2	7.3	4.7	8.8	4.6	5.4	7.7	5.7	22
23	6.4	6.1 B	18.4	7.1	7.3	6.1	4.7	7.8	4.7	5.4	8.0	6.7	23
24	6.1 B	5.8 B	8.3	7.5	6.7	5.9	4.7	5.9	4.8	5.3	10.1	5.7 B	24
25	6.1 B	5.8 B	11.7	7.1	6.3	5.8	4.6	5.6	5.0	5.3	7.8	6.2 B	25
26	6.1 B	5.8 B	22.6	6.9	6.2	12.0	4.0	5.3	4.8	5.4	6.7	6.2 B	26
27	6.1 B	5.5 B	26.5	6.4	5.9	7.0	4.3	5.3	4.8	5.3	7.1	6.3 B	27
28	6.1	5.5	24.8	6.0	5.9	9.0	4.2	5.0	4.7	5.3	16.1	6.4 B	28
29	6.4	5.5 E	20.2 E	5.8	11.5	6.7	4.3	4.8	4.8	5.3	23.8	6.5 B	29
30	10.5		14.8	6.3	9.2	6.2	4.1	4.8	4.8	5.3	8.8	6.5 B	30
31	10.5		13.6		7.6		4.6	4.8		5.2		6.6 B	31
TOTAL	212.7	344.0	653.3	269.8	252.1	190.6	152.2	166.3	170.6	172.7	224.7	229.9	TOTAL
MEAN	6.86	11.86	21.07	8.99	8.13	6.35	4.9	5.36	5.68	5.57	7.49	7.41	MEAN
AC-FT	421.89	682.32	1295.82	535.14	500.04	378.05	301.88	329.85	338.38	342.55	445.69	456.0	AC-FT
MAX	10.5	97.0	87.4	27.1	18.7	12.0	5.7	8.8	21.1	10.6	23.8	15.8	MAX
MIN	6.1	5.5	5.3	5.8	5.9	5.4	4.0	3.7	4.6	4.7	5.3	5.6	MIN

SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 8.3 CFS
TOTAL DISCHARGE, 6030 AC-FT
MAXIMUM DAILY DISCHARGE, 97.0 CFS
MINIMUM DAILY DISCHARGE, 3.7 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.7 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.4 B	14.0	6.2	7.8	6.9	5.7	6.0	7.6	4.6	4.8	5.2	5.8	01
02	6.1 B	10.3	6.7	35.4	6.6	12.0	5.0	7.4	4.6	5.0	16.7	6.2 B	02
03	5.9 B	10.4	8.9	10.4	7.5	12.9	5.3	5.7	4.5	5.2	9.0	6.0 B	03
04	5.6 B	7.4 B	7.7 B	10.9	6.7	8.5	5.2	5.3	4.4	5.0	7.3	5.6 B	04
05	5.4 B	7.1 B	6.8 B	22.2	6.2	8.1	5.6	5.1	4.5	4.9	6.5	5.8 B	05
06	5.2 B	7.0 B	5.1 B	12.2	6.0	7.7	4.9	4.8	4.6	4.9	6.2	5.6 B	06
07	5.0 B	6.5	5.2 B	11.1	6.2	6.8	4.7	4.9	4.6	5.1	6.0	6.0 B	07
08	5.3 B	6.1	5.2 B	10.3	10.2	6.2	4.6	5.1	4.6	5.4	5.7	7.8	08
09	7.5 B	5.8	6.0	9.8	9.5	5.9	4.5	4.8	4.5	5.1	5.7	6.6	09
10	6.8	5.7 B	5.7 B	17.9	9.7	5.6	4.7	4.6	4.4	5.0	5.7	6.2	10
11	5.9 B	6.0	6.0 B	10.3	13.1	5.6	6.2	4.6	4.5	4.9	5.8	16.2	11
12	6.2 B	5.7	4.9 B	8.4	9.0	5.5	6.8	4.6	4.6	4.9	6.5	9.7	12
13	6.1	5.3 B	5.5 B	8.2	8.1	6.5	5.1	4.5	4.4	4.9	6.1	7.7	13
14	5.9	5.8 B	5.6	8.1	7.9	5.7	4.8	4.6	4.4	5.8	10.9	7.2	14
15	5.7	5.7 B	8.5	8.2	6.9	5.7	4.6	4.6	4.5	5.1	8.7	6.5 B	15
16	5.6 B	5.6 B	10.6	9.2	6.5	6.6	4.5	19.2	4.7	6.3	6.6	6.2 B	16
17	5.9	5.5 B	26.7	11.4	6.4	5.5	4.5	20.8	4.8	5.9	6.4	5.8 B	17
18	9.3	5.4 B	38.6	32.0	9.7	6.5	4.5	7.9	4.6	5.3	7.4	6.1	18
19	11.7	5.3	20.1	13.5	27.9	6.4	4.2	18.8	4.5	5.3	11.0	6.2	19
20	8.4	5.3	14.3	9.3	10.6	5.8	4.2	6.9	4.5	11.2	8.5	5.9 B	20
21	7.0	6.9	30.6	8.5	8.3	5.3	4.4	5.9	4.5	6.6	6.4	6.0	21
22	6.6	8.9	13.3	8.8	7.5	5.2	4.6	5.4	4.5	6.0	5.9	5.8 B	22
23	7.5	8.1	13.0	14.0	7.0	6.2	4.0	5.3	4.5	5.6	6.3	5.9 B	23
24	69.0	6.6	23.2	10.1	6.5	6.2	3.8	5.0	4.9	5.6	6.1	5.9 B	24
25	40.3	6.2	30.4	8.1	6.7	5.7	12.8	4.9	4.7	5.8	6.0	6.1 B	25
26	25.5 B	6.0	16.4	7.6	6.2	5.3	8.7	4.7	4.6	5.6	6.0	6.3 B	26
27	15.1 B	5.8	9.7	7.4	6.0	5.1	7.2	4.7	4.6	5.5	5.8	6.5 B	27
28	9.5 B	5.9	9.5	8.8	5.9	4.9	11.4	4.8	4.7	5.3	5.5	6.6 B	28
29	8.7 B		12.1	9.6	7.9	4.7	8.5	4.7	4.7	5.1	5.7	6.7 B	29
30	74.4		8.2	7.5	7.3	5.7	6.0	4.9	4.8	5.0	5.7	6.5 B	30
31	60.5		7.6		5.6		5.3	4.6		5.0		6.3 B	31
TOTAL	454.0	190.3	378.3	357.0	256.5	193.5	176.6	206.7	137.3	171.1	211.3	207.9	TOTAL
MEAN	14.64	6.79	12.2	11.9	8.27	6.45	5.69	6.66	4.57	5.51	7.04	6.7	MEAN
AC-FT	900.5	377.46	750.35	708.1	508.76	383.8	350.28	409.98	272.33	339.37	419.11	412.36	AC-FT
MAX	74.4	14.0	38.6	35.4	27.9	12.9	12.8	20.8	4.9	11.2	16.7	16.2	MAX
MIN	5.0	5.3	4.9	7.4	5.6	4.7	3.8	4.5	4.4	4.8	5.2	5.6	MIN

SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 8.0 CFS
TOTAL DISCHARGE, 5830 AC-FT
MAXIMUM DAILY DISCHARGE, 74.4 CFS
MINIMUM DAILY DISCHARGE, 3.8 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.7 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.4 B	6.4	5.4	11.6	10.0	5.7	5.4	6.2	5.0	5.3	10.7	6.9	01
02	6.7 B	8.1	5.4	21.9	8.9	5.7	5.8	4.3	4.8	5.5	7.5	6.8	02
03	6.3 B	9.1 B	5.6	24.8	8.4	5.6	5.6	4.3	5.0	5.8	6.4	6.5	03
04	5.8 B	7.7 B	7.6	17.6	8.7	5.5	5.2	4.6	5.8	5.8	6.0	9.1	04
05	5.6 B	6.8	11.1	14.8	8.1	5.4	5.4	4.6	5.3	5.4	5.8	6.9	05
06	6.0 B	6.6	10.2	15.8	7.0	5.4	5.0	4.6	4.9	5.2	5.7	6.8 B	06
07	5.6 E	6.2	9.3	19.3	6.8	5.4	4.9	4.5	4.6	5.2	5.6	6.7 B	07
08	5.5	6.0	7.5 B	22.0	8.9	5.3	4.9	4.4	5.0	5.2	5.5	6.7	08
09	5.6	5.9	6.5 B	21.6	8.4	5.1	5.0	4.4	5.9	5.1	5.5	12.9	09
10	5.7 B	6.1	6.5 B	13.7	7.4	5.4	8.9	4.3	5.2	5.3	7.9	10.7	10
11	5.7 B	6.4	6.6 B	10.5	7.1	6.1	6.4	4.3	4.7	5.3	7.5	7.6 B	11
12	5.7 B	6.6 B	6.6	10.6	6.8	5.8	5.6	4.3	4.6	6.1	9.8	7.4 B	12
13	5.8 B	6.8 B	7.1	11.3	6.8	4.9	5.2	3.9	4.8	6.4	7.1	6.6	13
14	5.8 B	6.8 B	7.9	12.4	6.7	4.9	5.8	4.0	5.1	6.9	6.2	6.6	14
15	5.9 B	6.6 B	6.8	11.3	7.7	5.0	6.6	4.3	5.0	6.1	6.4	6.5	15
16	5.9 B	6.4 B	6.5	10.1	15.5	5.2	6.1	4.3	5.7	5.5	6.2	6.4	16
17	6.0 B	6.2 B	6.8 B	10.5	15.5	5.6	5.6	4.3	5.1	5.3	6.3	6.8 B	17
18	5.9 B	6.0 B	12.2	10.0	9.2	5.7	5.4	4.0	6.2	5.3	6.3	6.6	18
19	6.2 B	5.6 B	25.2	8.5	7.9	5.4	5.3	4.8	5.6	5.2	6.0	6.8	19
20	6.5 B	5.8 B	26.2	29.8	6.9	5.2	12.3	5.2	5.2	5.2	13.8	7.0	20
21	6.9 B	5.7 B	27.5	17.3	6.6	5.1	7.9	4.7	5.3	8.3	9.1	6.5 B	21
22	7.2 B	5.7 B	28.2	14.2	8.3	5.0	5.8	4.6	5.2	10.2	8.0	6.8 B	22
23	7.5	5.6	27.8	12.4	7.7	4.9	5.5	4.7	5.2	6.3	7.0	6.8 B	23
24	7.4 B	6.0	26.6	15.3	6.7	4.9	5.3	4.6	5.2	5.8	6.1	6.9 B	24
25	7.3 B	6.0 B	25.5	15.4	6.8	5.0	5.3	4.5	6.7	5.7	5.9	7.0 B	25
26	6.9 B	6.2 B	30.5	11.6	8.7	5.4	5.2	4.6	5.9	5.5	6.4	7.0 B	26
27	6.5 B	5.8	22.9	10.4	6.6	8.9	5.0	4.6	7.4	5.4	7.2	7.0 B	27
28	6.2 B	5.5	15.2	9.7	6.3	5.5	5.0	4.7	5.5	5.3	10.6	6.7 B	28
29	7.8 B		12.0	9.1	6.0	5.7	4.8	4.6	5.3	5.2	8.5	6.9 B	29
30	6.5 B		11.8 B	8.9	5.9	5.6	4.8	5.9	5.5	8.1	7.7	6.9 B	30
31	6.2 B		10.3		5.9		4.9	6.9		15.3		7.0 B	31
TOTAL	195.0	178.6	425.3	432.4	248.2	164.3	179.9	144.0	160.7	192.2	218.7	223.8	TOTAL
MEAN	6.29	6.37	13.71	14.41	8.0	5.47	5.8	4.64	5.35	6.2	7.29	7.21	MEAN
AC-FT	386.78	354.25	843.58	857.66	492.3	325.88	356.83	285.62	318.74	381.22	433.79	443.9	AC-FT
MAX	7.8	9.1	30.5	29.8	15.5	8.9	12.3	6.9	7.4	15.3	13.8	12.9	MAX
MIN	5.5	5.5	5.4	8.5	5.9	4.9	4.8	3.9	4.6	5.1	5.5	6.4	MIN

SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 7.6 CFS
TOTAL DISCHARGE, 5480 AC-FT
MAXIMUM DAILY DISCHARGE, 30.5 CFS
MINIMUM DAILY DISCHARGE, 3.9 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.7 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	7.1 B	8.6 B	15.7	20.1	9.0	4.7	4.9	4.3	3.6	4.4	4.9	5.4	01
02	7.1 B	8.6 B	10.8 B	76.0	10.2	5.9	4.6	4.2	3.6	4.3	4.9	5.0	02
03	7.3 B	8.6 B	9.4 B	34.9	9.1	9.7	4.4	4.2	3.8	4.3	4.8	5.0	03
04	8.5 B	8.6 B	8.7 B	17.9	8.3	6.2	4.4	4.1	3.9	4.5	4.8	5.0	04
05	9.3 B	35.3 B	9.4	17.6	7.8	5.4	4.7	4.0	4.2	4.4	4.9	4.8	05
06	6.9 B	22.0 B	7.6	27.0	7.6	5.1	17.9	3.9	4.3	4.6	5.1	7.4	06
07	7.2 B	7.1 B	7.9	39.0	7.2	5.0	6.2	3.9	5.2	4.5	5.7	9.2	07
08	5.8 B	6.3 B	7.3	31.2	7.4	6.1	5.3	3.8	4.4	4.4	5.1	7.2	08
09	6.4 B	5.9 B	7.6 B	42.8	8.0	5.4	4.9	3.8	4.1	5.7	5.1	10.3	09
10	6.3 B	8.1 B	7.6 B	36.8	7.1	4.1	4.6	4.2	4.0	7.2	6.2	13.0	10
11	6.3 B	6.9 B	7.9	29.2	6.8	4.6	4.5	4.5	4.0	5.3	5.9	10.8	11
12	6.1 B	6.3 B	7.4	27.2	6.8	4.6	4.4	3.9	4.4	5.1	5.7	7.2	12
13	6.3 B	6.1 B	6.8	38.5	6.8	12.9	5.2	3.2	4.8	4.9	5.8	6.5	13
14	6.4 B	6.1 B	6.9	27.1	6.1	6.4	5.0	3.9	4.8	6.1	5.5	6.1	14
15	6.3 B	6.2 B	12.4	18.1	5.8	5.3	4.5	3.9	4.6	5.2	6.5	11.9	15
16	6.2 B	6.3 B	28.3	18.1	5.9	5.0	4.5	3.7	4.4	5.0	5.7	11.4	16
17	6.4 B	6.3 B	18.3	17.0	6.1	4.9	5.3	3.6	4.7	4.8	5.5	7.7	17
18	6.5 B	6.3 B	14.6 B	16.7	5.6	4.8	4.6	3.5	4.5	4.9	5.4	5.8	18
19	6.6 B	6.0	14.7	17.0	5.5	4.7	4.6	3.5	4.4	4.7	6.1	5.7	19
20	6.6 B	8.3	11.0	15.4	6.2	4.7	4.6	3.5	11.6	4.6	6.4	7.1	20
21	6.6 B	8.9	9.1	13.8	5.7	4.9	4.4	3.6	7.5	4.7	7.0	6.9	21
22	6.6 B	7.2	8.7	12.3	5.3	4.5	4.4	3.8	5.2	4.8	5.8	5.7	22
23	6.6 B	10.0	8.3 B	10.7	5.2	4.4	5.2	5.4	4.9	5.1	5.1	6.6	23
24	6.5 B	8.3	7.8 B	10.4	5.2	4.5	5.0	3.8	4.7	5.0	5.1	8.0	24
25	6.5 B	7.5	8.4 B	10.2	6.5	6.4	4.9	3.8	4.6	7.6	5.5	7.5	25
26	6.9 B	7.8	9.1 B	9.8	5.9	5.6	7.1	5.0	4.6	5.6	5.6	6.5	26
27	8.5 B	19.0	8.0	9.3	7.0	6.1	6.1	7.1	4.6	5.3	7.0	6.2	27
28	8.6 B	22.2	8.4	9.5	5.9	13.5	4.7	5.6	4.8	5.0	7.7	6.5	28
29	8.7 B		8.2	10.7	5.3	5.9	5.0	4.7	4.9	4.9	6.3	6.1	29
30	8.7 B		9.1	9.5	4.9	5.1	4.6	4.1	4.4	4.8	6.0	5.1	30
31	8.7 B		11.5		4.8		4.1	3.9		4.8		7.7	31
TOTAL	218.5	274.8	316.9	673.8	205.0	176.4	164.6	128.4	143.5	156.5	171.1	225.3	TOTAL
MEAN	7.04	9.81	10.22	22.46	6.61	5.88	5.3	4.14	4.78	5.04	5.7	7.26	MEAN
AC-FT	433.39	545.06	628.57	1336.48	406.01	349.88	326.48	254.68	284.63	310.41	339.37	446.88	AC-FT
MAX	9.3	35.3	28.3	76.0	10.2	13.5	17.9	7.1	11.6	7.6	7.7	13.0	MAX
MIN	5.8	5.9	6.8	9.3	4.8	4.1	4.1	3.2	3.6	4.3	4.8	4.8	MIN

SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 7.8 CFS
TOTAL DISCHARGE, 5660 AC-FT
MAXIMUM DAILY DISCHARGE, 76.0 CFS
MINIMUM DAILY DISCHARGE, 3.2 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.7 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.5	5.0 B	5.7	29.7	9.9	6.8	5.9	4.1	5.0	6.8	6.6	6.3	J1
02	6.3	5.0 B	5.7 B	34.0	13.9	7.3	5.2	6.3	5.0	6.3	9.5	5.5	J2
03	5.9	4.9 B	5.4 B	42.1	18.2	5.7	5.2	6.4	5.1	5.8	8.4	5.7	J3
04	5.8	4.9 B	5.6 B	32.8	11.7	5.9	5.1	4.8	4.9	5.6	7.1	5.4 B	J4
05	5.4	4.9 B	5.8 B	18.0	10.2	5.4	4.8	4.4	4.8	5.4	7.3	5.6	J5
06	5.9 B	4.9 B	5.8	13.8	11.1	5.4	4.7	4.4	4.8	6.7	6.6	15.4	06
07	5.9	4.9 B	6.0 B	10.4 B	11.2	5.3	4.5	7.1	4.8	8.4	6.5	7.9	07
08	5.5	4.9 B	6.0 B	9.5 B	9.4	5.4	4.4	9.1	12.8	6.0	17.7	6.3	08
09	6.5	4.9 B	5.9 B	14.0 B	8.6	6.4	4.4	9.3	6.7	5.8	10.5	6.4	09
10	7.3	4.9 B	5.8 B	29.8	7.9	5.2	5.0	6.0	5.4	5.4	8.1	6.7	10
11	6.3	4.9 B	5.7 B	70.3	7.6	5.1	4.8	5.2	5.1	5.4	7.7	5.4	11
12	5.9	4.9 B	6.1	60.4	7.3	5.2	4.6	5.4	5.0	5.5	7.4	7.5	12
13	5.9	6.7 B	6.5	107.0	6.9	5.4	5.9	5.3	5.1	5.4	7.0	56.9	13
14	5.9 B	16.9 B	6.3	57.0	9.6	5.4	8.0	5.2	5.2	5.5	6.7	12.8	14
15	5.3 B	13.9 B	6.1	38.9	10.1	5.4	11.3	5.0	4.8	6.2	6.5	8.9	15
16	6.0 B	9.5 B	7.2	33.0	9.3	5.1	13.0	4.9	4.7	5.7	6.2	8.8 B	16
17	6.8 B	6.9 B	12.1	54.2	9.0	4.9	6.0	5.5	4.7	5.6	6.5	8.4 B	17
18	6.7 B	6.7 B	13.9	34.6	9.7	4.8	5.2	5.4	4.5	6.0	6.8	8.3 B	18
19	10.7	6.2 B	10.1 B	27.5	8.0	4.8	5.0	4.9	4.5	5.6	6.7	8.3	19
20	7.6	5.7 B	8.6 B	26.9	7.2	4.8	4.9	4.6	4.4	5.4	6.9	7.8	20
21	6.3 B	5.5 B	8.0	19.0	6.9	5.4	4.7	4.6	4.5	5.5	6.2	7.4	21
22	7.2	5.3 B	27.5	23.3	6.2	8.5	4.7	4.7	4.4	7.2	5.7	7.4	22
23	16.8	5.2 B	30.8	21.5	5.9	10.1	7.6	9.1	4.4	22.0	5.7	7.5	23
24	8.2	5.3 B	19.9	16.4	5.8	12.5	6.6	7.0	5.5	10.6	6.0	7.7	24
25	7.1 B	5.3 B	12.0 B	13.8	5.5	7.4	6.1	6.3	5.2	8.3	6.4	6.1	25
26	6.5 B	5.3 B	8.5 B	12.8	5.5	7.1	5.2	5.4	7.7	7.2	10.7	8.5	26
27	5.9 B	5.4 B	7.6 B	11.9	5.4	7.2	4.8	9.3	6.0	6.7	9.4	8.6	27
28	5.4 B	5.4 B	7.9 B	11.2	5.5	5.7	4.5	8.4	5.1	7.1	7.3	7.9	28
29	5.0 B	5.5 B	9.8	10.8	5.8	5.4	4.3	5.8	6.1	11.2	6.4	7.4 B	29
30	4.9 B		19.3	10.3	6.5	6.7	4.2	5.2	11.7	8.1	6.0	7.7 B	30
31	4.9 B		24.9		7.5		4.1	5.1		6.9		22.7 B	31
TOTAL	206.3	179.7	316.5	894.9	263.3	185.7	174.7	184.2	167.9	219.3	226.5	286.7	TOTAL
MEAN	6.65	6.19	10.2	29.83	8.49	6.19	5.63	5.94	5.59	7.07	7.55	9.24	MEAN
AC-FT	409.19	356.43	627.77	1775.03	522.25	368.33	346.51	365.36	333.02	434.98	449.26	568.66	AC-FT
MAX	16.8	16.9	30.8	107.0	18.2	12.5	13.0	9.3	12.8	22.0	17.7	36.9	MAX
MIN	4.9	4.9	5.4	9.5	5.4	4.8	4.1	4.1	4.4	5.4	5.7	5.4	MIN

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 9.0 CFS
TOTAL DISCHARGE, 6560 AC-FT
MAXIMUM DAILY DISCHARGE, 107.0 CFS
MINIMUM DAILY DISCHARGE, 4.1 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.7 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	24.6	10.0 B	6.1	53.2	9.0	8.3	6.1	8.4	4.6	4.8	13.0	7.1	01
02	12.5	66.3	8.3	31.5	10.7	7.2	5.8	6.5	4.6	5.5	8.5	6.4	02
03	10.8	26.1	31.3	31.8	14.9	6.6	5.5	5.2	4.5	7.3	9.5	6.6	03
04	13.7	11.0	80.3	20.4	10.3	6.5	5.4	4.9	4.4	5.6	6.7	7.2 B	04
05	11.7	9.1	15.2	22.7	9.2	9.1	6.2	4.6	4.4	6.4	6.3	8.7 B	05
06	8.6 B	8.6 B	38.3	14.9	8.3	7.7	5.2	4.6	4.5	5.4	6.2	7.5 B	06
07	8.1 B	7.9	39.5	12.8	7.5	10.4	5.1	4.7	4.3	5.2	6.6	7.0 B	07
08	7.9 B	7.7	22.2	11.6	9.8	7.3	5.0	4.6	4.3	5.0	7.1	6.4 B	08
09	7.8 B	6.9 B	12.5	10.6	18.5	6.5	4.7	4.6	4.3	4.9	6.4	6.9 B	09
10	7.6 B	6.4 B	13.3	10.9	11.9	6.0	4.8	4.8	4.4	4.8	5.7	7.4 B	10
11	7.4 B	5.7 B	39.7	10.8	16.4	5.8	4.6	4.7	4.4	4.9	5.8	6.9 B	11
12	7.2 B	6.9 B	21.4	9.8	11.3	5.8	4.6	4.5	4.4	5.0	6.0	6.5 B	12
13	7.1 B	6.8 B	13.5	9.2	9.6	5.7	4.7	4.5	4.4	5.4	5.9	6.6 B	13
14	6.9 B	6.7 B	12.6	9.0	8.8	5.3	5.4	4.5	4.5	6.5	5.9	6.5 B	14
15	6.7 B	6.7 B	16.2	9.1	8.9	5.4	4.8	4.5	4.5	5.2	12.3	6.1 B	15
16	6.4	6.7 B	13.7	8.9	8.6	5.6	4.6	4.3	4.4	5.2	10.9	6.0 B	16
17	6.5	6.9 B	43.6	9.2	8.9	5.7	3.8	4.0	4.5	5.4	7.2	6.0 B	17
18	13.2	6.9 B	16.1 B	8.5	8.2	6.4	4.4	14.7	7.5	5.4	7.1	5.9 B	18
19	36.8	6.8 B	12.0 B	9.0	7.6	6.3	4.4	7.5	5.2	5.7	7.2	5.8 B	19
20	20.8 B	6.8 B	9.9 B	8.5	6.8	5.9	4.6	5.8	5.2	6.7	6.4	5.7 B	20
21	11.2 B	6.6 B	9.5 B	8.1	7.3	5.7	4.6	5.3	4.9	5.5	6.8	5.7 B	21
22	21.6	6.3	9.4	10.9	6.6	5.6	4.3	5.0	6.3	5.3	8.9	5.0 B	22
23	29.8	6.2	11.5	9.8	6.3	5.5	4.2	4.9	7.2	5.2	6.9	5.5 B	23
24	12.7	6.1	14.3	8.3	6.4	6.5	4.2	4.9	6.3	5.3	7.6	5.5 B	24
25	10.1	6.0	13.6	7.7	6.4	5.9	4.5	4.8	5.4	5.2	9.2	8.1 B	25
26	9.9	6.0	13.2	7.3	7.4	5.5	4.3	4.8	5.2	5.1	6.9	15.5	26
27	10.1	5.6 B	11.0	8.5	7.4	5.5	4.7	5.0	5.1	5.1	7.0	17.7	27
28	9.3	5.8 B	10.0	17.1	14.7	15.2	5.4	4.8	5.1	5.3	12.7	11.7	28
29	7.3 B		11.5	12.5	10.4	10.8	6.0	4.6	5.0	5.7	9.7	9.1 B	29
30	6.7 B		16.3	9.0	8.2	6.9	4.7	4.5	4.7	11.2	8.1	8.3 B	30
31	6.1 B		17.4		10.7		4.7	4.8		9.1		7.7 B	31
TOTAL	367.1	275.5	603.4	411.6	297.0	206.6	151.3	165.3	148.5	181.5	234.5	233.8	TOTAL
MEAN	11.84	9.83	19.46	13.72	9.58	6.88	4.88	5.33	4.95	5.85	7.81	7.54	MEAN
AC-FT	728.14	546.45	1196.84	816.4	589.09	409.79	300.1	327.87	294.54	360.0	465.13	463.74	AC-FT
MAX	36.8	66.3	80.3	53.2	18.5	15.2	6.2	14.7	7.5	11.2	13.0	17.7	MAX
MIN	6.1	5.6	6.1	7.3	6.3	5.3	3.8	4.0	4.3	4.8	5.7	5.5	MIN

SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 9.0 CFS
TOTAL DISCHARGE, 6500 AC-FT
MAXIMUM DAILY DISCHARGE, 80.3 CFS
MINIMUM DAILY DISCHARGE, 3.8 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.7 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	7.3	11.2 B	20.6	25.9	11.6	7.4	8.2	5.6	5.1	6.2	6.3	6.1	01
02	7.2 B	8.5 B	13.3	46.0	8.7	7.0	7.1	5.7	4.9	6.2	6.1	6.6	02
03	7.2 B	8.5 B	12.0	23.3	8.5	6.6	33.3	5.6	6.3	5.9	6.2	6.8	03
04	7.2 B	8.3 B	43.2	70.3	6.3	6.5	11.3	6.7	5.3	5.9	7.3	6.3 B	04
05	7.2 B	8.2 B	113.0	19.7	7.7	6.4	8.3	6.0	4.9	5.9	6.7	6.0 B	05
06	7.2 B	8.1 B	33.3	13.7	10.8	6.3	7.1	5.5	4.8	5.7	7.0	6.2	06
07	7.1 B	8.1 B	30.1	13.0	9.3	6.2	6.4	5.2	4.7	6.7	6.3	6.3	07
08	7.0 B	7.9 B	16.2	11.2	8.4	6.0	6.1	5.1	4.6	6.1	6.1	12.5	08
09	7.0 B	7.8 B	12.0	10.0	13.7	6.2	5.9	5.3	4.9	6.1	6.1	10.2 B	09
10	7.0 B	7.7 B	11.1 B	9.8	11.5	6.1	7.3	5.2	5.2	6.1	6.0	7.0 B	10
11	6.9 B	7.6 B	10.1 B	10.0	9.2	6.0	5.8	5.1	5.2	5.9	6.0	6.6	11
12	6.9 B	7.2	9.4 B	12.0	39.7	6.2	5.6	6.1	5.4	6.1	9.2	10.2	12
13	6.8 B	6.3 B	8.8 B	15.0	20.3	5.9	5.5	6.0	5.9	6.0	8.3	9.0	13
14	6.7 B	5.7 B	8.2 B	21.7	13.3	5.9	5.8	5.4	5.5	10.7	9.4	8.1	14
15	6.6 B	5.7 B	8.0 B	20.7	16.8	9.1	6.1	5.2	5.3	7.6	7.3	7.2	15
16	6.3 B	5.6	8.1 B	12.7	16.5	11.4	5.3	5.1	5.2	6.4	6.6	9.0	16
17	6.4 B	5.5	8.1 B	11.2	37.2	7.4	5.2	5.2	5.3	6.4	7.3	10.2	17
18	6.3 B	5.5	8.0 B	10.8	14.3	8.6	5.3	5.2	5.5	6.0	6.9	8.4	18
19	6.4 B	5.7	8.0 B	9.7	11.4	13.9	5.2	5.0	5.2	5.8	6.6	7.5 E	19
20	6.8	5.7	8.0 B	9.1	9.9	14.6	4.9	5.0	5.2	5.8	16.0	7.3 E	20
21	10.3	5.7	8.0 B	9.0	9.4	8.6	4.7	5.0	5.2	5.8	15.7	7.1 E	21
22	8.8	20.2	8.0 B	14.8	9.1	7.2	4.6	4.9	5.3	6.0	8.7	6.8 E	22
23	9.9	20.1 B	7.9 B	17.1	9.3	6.3	4.7	5.0	5.2	6.1	7.8	7.1	23
24	8.7	9.7 B	7.9 B	14.3	8.5	6.1	5.2	4.7	5.2	5.9	9.4	7.5	24
25	7.4	6.9 B	8.0 B	11.1	9.1	6.2	5.3	3.9	6.5	6.0	7.9	7.5	25
26	7.4	6.4 B	7.8 B	9.9	8.9	6.2	5.5	5.0	6.5	5.9	6.5	6.9 B	26
27	80.4	6.4 B	7.6 B	9.2	8.4	5.9	5.7	9.7	5.7	5.9	6.1	6.5	27
28	23.6	16.2	7.5 B	9.0	8.2	5.7	5.2	6.0	7.5	5.8	6.2	6.5	28
29	14.5		7.4 B	10.4	10.3	11.0	6.3	5.5	11.7	5.9	6.2 B	6.7	29
30	14.7		10.1	10.4	8.6	10.6	8.7	5.3	7.4	7.0	6.1 B	6.8	30
31	17.2		31.8		7.9		6.1	5.1		6.6		6.6 B	31
TOTAL	340.4	236.4	501.5	491.0	384.8	227.5	217.7	169.3	170.6	194.4	228.3	233.5	TOTAL
MEAN	10.98	8.44	16.17	16.36	12.41	7.58	7.02	5.46	5.68	6.27	7.61	7.53	MEAN
AC-FT	675.18	468.89	994.72	973.89	763.25	451.24	431.8	335.8	338.38	385.59	452.83	463.14	AC-FT
MAX	80.4	20.2	113.0	70.3	39.7	14.6	33.3	9.7	11.7	10.7	16.0	12.5	MAX
MIN	6.3	5.5	7.4	9.0	7.7	5.7	4.6	3.9	4.6	5.7	6.0	6.0	MIN

SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 9.3 CFS
TOTAL DISCHARGE, 6730 AC-FT
MAXIMUM DAILY DISCHARGE, 113.0 CFS
MINIMUM DAILY DISCHARGE, 3.9 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.7 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.6	5.8 B	8.7 B	9.4	10.0	10.6	4.7	3.9	5.6	5.6	9.1	9.4	01
02	6.5 B	5.8 B	8.4 B	8.8 B	9.8	7.2	4.7	4.5	6.6	5.8	6.9	6.4 B	02
03	6.4 B	5.7 B	8.2 B	8.4 B	9.2	6.8	4.8	5.2	4.9	5.2	6.4	8.1 B	03
04	6.4	5.8 B	7.8 B	8.5 B	12.7	6.4	5.5	5.0	4.7	5.2	6.1	6.0 B	04
05	6.2	5.8 B	7.6 B	8.5 B	17.3	6.4	5.0	4.6	4.6	5.7	5.7	6.2 B	05
06	6.1	5.8 B	7.4	8.6 B	11.5	6.8	4.6	4.5	4.8	5.6	5.7	12.2	06
07	6.3	5.8 B	7.2	9.2 B	9.7	6.1	4.6	4.5	4.5	5.4	5.7	6.9 B	07
08	6.6	5.9 B	7.0 B	10.7	8.7	5.9	4.3	4.1	4.6	5.3	6.2	5.6 B	08
09	30.0	5.9 B	6.9 B	12.1	8.1	5.7	3.9	4.5	4.2	5.2	5.9	5.6 B	09
10	14.6	5.9 B	6.7 B	12.6	7.6	5.5	4.2	4.4	4.6	5.6	14.9	5.6 B	10
11	26.4	5.9 B	6.6 B	12.9	7.4	5.4	5.7	7.5	5.1	5.6	8.3	5.6 B	11
12	11.4	5.9 B	8.9	13.0 B	7.5	9.4	4.9	4.9	12.6	5.4	6.7	5.8 B	12
13	7.8 B	5.9 B	19.8 B	13.4	8.6	7.0	4.8	4.1	6.0	6.1	6.3	5.9 B	13
14	7.1 B	6.0 B	11.2 B	16.1	6.8	6.6	4.8	3.7	5.6	6.0	5.9	7.0	14
15	7.0 B	6.1 B	9.6 B	17.9	6.9	6.2	4.6	4.5	5.3	5.7	5.9	17.6	15
16	6.8 B	6.2	20.3	18.9	9.8	7.0	4.7	4.6	5.2	5.5	5.8	8.8 B	16
17	6.7 B	6.5	34.6	18.8	7.3	5.1	3.9	4.6	5.2	5.4	5.7	7.0	17
18	6.5 B	11.0	33.8	18.2	6.8	6.5	4.6	4.4	5.5	7.5	5.7	6.4 B	18
19	6.4 B	10.5	78.2	65.8	6.7	10.9	6.4	3.7	13.5	6.1	5.6	6.0 B	19
20	6.4 B	8.6	39.0	19.7	6.4	7.3	9.3	4.2	8.8	6.0	5.7	5.9 B	20
21	6.4 B	7.7	15.1	14.0	9.4	6.0	7.3	4.4	6.7	5.9	6.5	5.8 B	21
22	6.2 B	13.8	40.2	12.2	7.0	5.5	5.3	4.6	5.8	5.8	5.9	5.7 B	22
23	6.2	53.5	18.7	12.0	6.2	5.9	4.9	4.3	5.6	5.7	5.6	5.8 B	23
24	6.5	187.0	20.3	23.1	5.9	6.0	5.4	7.7	5.0	5.5	5.6	5.8 B	24
25	8.6	31.8	25.4	14.2	5.8	5.2	5.1	6.4	4.2	5.5	5.5	5.8 B	25
26	14.0	12.5	12.3 B	12.1	6.1	4.6	4.8	5.3	5.6	5.5	5.3	5.8 B	26
27	9.2 B	10.1	10.1 B	10.8	6.2	5.2	4.9	5.0	5.3	5.4	10.7	5.8 B	27
28	7.4	9.1	9.3 B	10.2	5.5	5.0	5.0	4.6	5.2	5.4	8.4	5.9 B	28
29	8.2		11.7 B	9.7	5.4	4.9	4.6	5.1	5.1	5.4	6.8	6.0 B	29
30	7.6 B		10.2	9.4	15.2	4.7	4.6	6.4	5.0	5.3	8.4	10.1 B	30
31	5.8 B		9.5 B		13.8		4.6	5.1		5.3		12.7 B	31
TOTAL	274.3	456.3	520.7	439.2	265.3	191.8	156.5	150.3	175.4	174.6	402.9	221.2	TOTAL
MEAN	8.84	16.29	16.79	14.64	8.55	6.39	5.04	4.84	5.84	5.63	6.76	7.13	MEAN
AC-FT	544.07	905.07	1032.8	871.15	526.22	380.43	310.41	298.12	347.9	346.31	402.45	438.75	AC-FT
MAX	30.0	187.0	78.2	65.8	17.3	10.9	9.3	7.7	13.5	7.5	14.9	17.6	MAX
MIN	5.8	5.7	6.6	8.4	5.4	4.6	3.9	3.7	4.2	5.2	5.3	5.6	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 8.8 CFS
TOTAL DISCHARGE, 6400 AC-FT
MAXIMUM DAILY DISCHARGE, 187.0 CFS
MINIMUM DAILY DISCHARGE, 3.7 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.7 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	7.3 B	7.1 B	19.0	30.4	8.5	11.7	13.0	12.8	6.2	4.9	5.0 E	5.5 B	01
02	6.9 B	6.8 B	12.8 B	18.6	8.6	11.7	10.6	6.6	5.7	4.8	5.0 E	5.3 B	02
03	6.6 B	6.4 B	11.9 B	15.4	11.5	7.4	11.2	5.7	4.8	4.7	5.0 E	5.2 B	03
04	6.3 B	5.9 B	12.3 B	13.3	8.1	6.6	11.1	5.4	5.4	4.6	5.0 E	5.2 B	04
05	6.2 B	5.2 B	46.0	11.7	7.6	6.2	7.8	5.3	4.9	4.6	5.0 E	5.2 B	05
06	6.3 B	5.1 B	36.2	11.1	9.9	6.0	6.9	5.4	4.5	4.8	5.0 E	5.7 B	06
07	6.4 B	5.1 B	17.0	10.1	23.6	6.5	6.7	5.0	4.4	7.8	5.0 E	5.6 B	07
08	6.3 B	5.3 B	12.1 B	9.3	13.8	5.9	7.2	5.2	4.4	5.6	5.0 F	5.6 B	08
09	6.3 B	5.2 B	10.7 B	8.9	10.2	5.9	6.2	5.7	4.4	6.3	4.7	5.6 B	09
10	6.3 B	5.6 B	9.8 B	9.0	9.0	5.6	6.0	5.3	6.1	7.9	5.0	5.6 B	10
11	6.4 B	6.1 B	9.1 B	8.5	9.6	5.7	10.8	4.8	5.4	5.6	4.9	5.6 B	11
12	6.4 B	6.0	8.9 B	7.7	11.1	5.3	9.9	5.2	5.1	5.4	4.8	5.6 B	12
13	6.3 B	6.2	18.5 B	8.5	8.3	5.4	7.5	6.1	4.7	5.2	5.0	5.6 B	13
14	6.3 B	6.1	13.7 B	8.0	8.4	9.2	6.7	7.6	4.5	5.2	5.3	7.8 B	14
15	6.3 B	6.7	9.8 B	14.4	8.7	6.2	6.2	6.9	4.5	5.2	5.1	6.4 B	15
16	6.3 B	15.0	9.2 B	23.5	19.8	8.5	6.3	5.4	4.6	5.0	4.9	5.8 B	16
17	6.2 B	17.9	9.0 B	12.4	36.5	7.4	6.6	4.8	4.8	5.0	4.9	5.5 B	17
18	6.1 B	19.2	8.8 B	10.1	16.4	6.1	7.6	4.6	5.3	4.9	5.3	5.3 B	18
19	6.1 B	38.6	14.0 B	9.0	18.5	8.3	6.2	4.6	4.8	5.0	5.5	5.2 B	19
20	6.0 B	19.7	71.7	8.3	15.7	7.4	6.2	4.6	6.1	6.3	5.5	6.8 B	20
21	6.0 B	13.8	95.0	8.0	11.1	6.6	7.4	4.6	5.8	8.2	4.8	8.2 B	21
22	5.9 B	38.0	22.1 B	11.1	9.7	16.0	5.6	4.5	6.7	6.2	4.8	6.4 B	22
23	5.3 B	17.8 B	26.8 B	11.2	8.9	8.0	5.2	4.5	6.7	5.8	5.0	6.1 B	23
24	5.3 B	13.7 B	33.9	8.7	8.5	6.9	5.5	4.3	5.6	5.7	5.1	5.8 B	24
25	5.3 B	21.6	39.4	19.0	8.5	12.9	4.9	4.3	5.1	6.0	5.1	5.5 B	25
26	7.1 B	34.9	23.9	18.1	8.4	8.0	4.9	4.4	5.2	5.6	7.2	5.5 B	26
27	12.2 B	37.5	34.8	15.0	8.4	7.9	5.5	4.6	6.4	5.4 F	12.9	5.8 B	27
28	10.2 B	26.4	24.6	11.9	7.3	6.6	4.9	5.0	5.6	5.2 E	7.8 B	5.8 B	28
29	8.6 B	22.3	16.8	9.7	6.9	7.8	8.0	5.7	5.1	5.0 E	6.4 B	5.8 B	29
30	7.8 B		18.0	8.7	7.0	14.5	7.5	4.7	4.9	5.0 E	5.8 B	5.5 B	30
31	7.5 B		37.5		15.3		12.9	4.6		5.0 E		5.5 B	31
TOTAL	210.4	425.2	733.3	369.6	363.8	235.2	233.0	168.2	158.1	171.9	165.8	180.0	TOTAL
MEAN	6.78	14.66	23.65	12.32	11.73	7.84	7.51	5.42	5.27	5.54	5.52	5.8	MEAN
AC-FT	417.32	843.38	1454.5	733.1	721.59	466.51	462.15	333.62	313.59	340.96	328.86	357.03	AC-FT
MAX	12.2	38.6	95.0	30.4	36.5	16.0	13.0	12.8	6.8	8.2	12.9	8.2	MAX
MIN	5.3	5.1	8.8	7.7	6.9	5.3	4.9	4.3	4.4	4.6	4.7	5.2	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 9.3 CFS
TOTAL DISCHARGE, 6770 AC-FT
MAXIMUM DAILY DISCHARGE, 95.0 CFS
MINIMUM DAILY DISCHARGE, 4.3 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.7 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.8 B	5.2 B	7.5	9.4	6.6	6.5	5.5	5.7	4.3	11.1	5.5	24.3	01
02	5.8 B	5.0 B	7.0	10.3	7.4	5.7	4.7	3.9	14.5	10.3	5.5	15.4	02
03	5.5 B	5.0 B	6.6	24.8	6.5	5.1	4.3	3.6	7.3	8.0	5.6	11.0	03
04	5.5 B	5.0 B	15.6	10.7	6.2	4.7	4.4	3.6	5.4	6.5	5.6	9.5 B	04
05	5.2 B	5.0 B	44.6	20.5	6.3	4.7	4.4	4.1	5.0	6.2	5.6	8.6 B	05
06	5.5 B	5.0 B	23.3	10.9	6.4	4.6	5.6	4.9	4.8	6.1	5.5	8.1 B	06
07	5.5 B	4.7 B	14.3	8.6	5.8	4.6	6.2	4.2	4.8	5.8	8.6	7.8 B	07
08	5.5 B	4.7 B	13.8	8.6	5.7	4.5	6.0	3.8	4.9	9.6	21.4	7.6 B	08
09	5.5 B	4.7 B	43.1	9.8	7.3	4.4	4.9	4.0	4.9	16.5	9.5	7.5 B	09
10	5.5 B	9.0 B	47.6	9.8	6.2	4.3	4.4	6.9	5.3	9.7	14.7	7.5 B	10
11	5.5 B	7.9 B	39.9	9.5	5.8	4.3	4.3	8.9	4.9	7.5	13.2	7.5 B	11
12	5.5 B	5.9 B	38.1	8.9	5.5	4.2	4.6	4.8	5.0	7.4	8.8	7.4 B	12
13	5.5 B	8.3 B	97.2	8.4	5.4	4.4	4.5	4.0	6.8	6.8	7.8	7.4 B	13
14	5.5 B	7.0 B	29.6	7.9	5.2	4.2	4.0	4.2	7.8	6.6	7.1	28.9	14
15	5.5 B	6.5 B	22.4	7.2	5.1	4.1	4.0	3.7	5.7	6.5	7.5	26.6	15
16	5.5 B	6.3 B	20.1	6.9	5.0	4.2	4.1	5.0	7.6	6.9	10.5	14.5	16
17	5.5 B	6.2 B	14.7	6.5	5.0	5.0	3.9	7.9	8.7	6.3	20.0	13.1	17
18	5.5 B	6.1 B	12.2	6.4	5.6	6.7	3.8	4.4	6.5	6.1	13.6	11.9	18
19	5.5 B	6.1 B	11.6	6.4	5.7	5.9	4.3	4.0	6.3	6.2	11.0	11.2	19
20	5.5 B	6.0 B	11.2	6.4	5.0	5.1	3.4	4.4	10.0	6.1	9.0	11.0	20
21	5.5 B	6.0 B	11.0	6.5	4.8	5.1	3.3	4.0	8.1	5.9	9.2	12.6	21
22	5.5 B	5.9 B	12.4	10.1	4.6	4.5	3.4	7.7	6.5	6.0	8.5	12.7	22
23	5.5 B	5.8 B	10.3	15.2	4.6	4.3	3.4	4.6	6.1	5.7	8.8	11.5	23
24	5.5 B	7.1	10.1	14.8	4.7	4.3	3.4	5.7	5.8	5.7	13.0	10.9	24
25	5.5 B	11.1	14.0	13.9	4.8	5.8	3.5	4.5	14.1	5.8	9.5	20.8	25
26	5.5 B	8.4	9.8	9.9	4.5	5.0	3.3	4.1	11.8	5.8	14.1	14.5 B	26
27	5.5 B	7.6	9.9	8.6	4.4	4.4	3.3	4.1	8.8	5.7	9.1	10.5 B	27
28	5.2 B	8.5	12.1	7.8	4.2	4.3	3.4	4.2	6.9	5.0	8.0 B	9.5 B	28
29	5.2 B		16.8	7.1	4.3	7.9	3.4	4.1	6.4	5.6	8.1 B	9.5 B	29
30	5.2 B		13.5	6.8	4.3	5.3	3.6	4.2	6.2	5.5	8.2	9.5 B	30
31	5.2 B		13.0		4.2		4.3	4.1		5.5		9.5 B	31
TOTAL	169.6	180.0	653.3	298.6	167.1	148.1	129.6	147.3	211.2	219.0	292.5	378.3	TOTAL
MEAN	5.47	6.42	21.07	9.95	5.39	4.93	4.18	4.75	7.04	7.06	4.75	12.2	MEAN
AC-FT	336.4	357.03	1295.82	592.27	331.44	293.75	257.06	292.16	418.91	434.38	580.17	750.35	AC-FT
MAX	5.8	11.1	97.2	24.8	7.4	7.9	6.6	8.9	14.5	10.5	21.4	28.9	MAX
MIN	5.2	4.7	6.6	6.4	4.2	4.1	3.3	3.6	4.3	5.5	5.5	7.4	MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 8.2 CFS
TOTAL DISCHARGE, 5940 AC-FT
MAXIMUM DAILY DISCHARGE, 97.2 CFS
MINIMUM DAILY DISCHARGE, 3.3 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.7 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	9.5 B	10.2 B	6.5 B	69.4	9.4	7.0							01
02	9.4 B	10.0 B	6.5 B	34.6	9.3	7.2							02
03	9.5 B	5.8 B	7.0 B	19.8	8.9	7.0							03
04	9.5 B	5.6 B	7.0 B	17.4	8.8	6.7							04
05	9.5 B	5.4 B	7.0 B	27.4	9.2	7.1							05
06	9.2 B	5.2 B	6.5 B	25.0	10.3	6.8							06
07	9.1 B	9.1 B	6.8 B	56.2	10.3	6.9							07
08	15.6 B	9.0 B	6.7 B	24.5	9.2	7.8							08
09	28.0 B	8.8 B	6.7 B	17.8	15.4	7.1							09
10	17.6 B	8.5 B	6.7 B	17.1	11.7	7.0							10
11	13.5 B	8.4 B	6.8 B	28.5	9.7	6.6							11
12	11.7 B	8.2 B	6.7 B	25.4	9.8	6.5							12
13	10.6 B	8.1 B	6.6 B	22.7	10.9	9.6							13
14	10.1 B	7.9 B	11.0	18.3	27.2	7.2							14
15	9.9 B	7.8 B	15.8	15.3	23.9	6.7							15
16	9.8 B	7.7 B	13.0	15.0	13.8								16
17	9.6 B	7.6 B	11.5	14.7	12.5								17
18	9.4 B	7.5 B	10.3	14.3	12.4								18
19	9.3 B	7.4 B	9.7	18.1	12.8								19
20	9.1 B	7.4 B	8.5	28.7	11.4								20
21	8.2 B	7.3 B	17.8	27.7	16.4								21
22	8.7 B	7.2 B	30.8	16.6	10.7								22
23	8.6 B	7.2 B	30.3	13.8	9.5								23
24	8.7 B	7.1 B	29.9	12.9	9.1								24
25	8.9 B	7.0 B	17.1	12.0	8.6								25
26	15.5 B	6.5 B	13.4	11.4	8.0								26
27	14.3 B	6.8 B	11.9	10.9	7.8								27
28	11.5 B	6.9 B	11.5	10.3	7.6								28
29	10.9 B		12.6	9.8	7.5								29
30	10.6 B		21.1	9.5	7.2								30
31	10.4 B		33.1		7.1								31
TOTAL	346.9	228.0	398.4	645.1	346.4								TOTAL
MEAN	11.19	8.14	12.85	21.5	11.17								MEAN
AC-FT	688.07	452.23	790.22	1279.55	687.08								AC-FT
MAX	28.0	10.2	33.1	69.4	27.2								MAX
MIN	8.6	6.8	6.6	9.5	7.1								MIN

SUMMARY FOR THE YEAR 1978

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.7 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.
STATION DISCONTINUED JUNE 1978.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

SOPER CREEK TRIBUTARY NEAR BOWMANVILLE - STATION NO. 02HD224

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1965

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01												5.5	01
02												5.5	02
03												5.8	03
04												6.5	04
05												5.9	05
06												5.3	06
07												4.9	07
08												4.9	08
09												4.9	09
10												4.9	10
11												4.9	11
12												5.3	12
13												11.7	13
14												8.8	14
15												6.6	15
16												5.8	16
17												5.5	17
18												5.3	18
19											6.5	5.0	19
20											7.3	4.9	20
21											8.9	4.3	21
22											6.7	4.0	22
23											6.4	4.3	23
24											6.6	9.3	24
25											6.1	15.5	25
26											6.2	7.4	26
27											17.7	6.2	27
28											7.8	5.6	28
29											6.0	5.0	29
30											5.5	6.9	30
31												11.0	31
TOTAL												198.0	TOTAL
MEAN												6.38	MEAN
AC-FT												392.73	AC-FT
MAX												15.5	MAX
MIN												4.0	MIN

SUMMARY FOR THE YEAR 1965

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,
ABOUT 0.5 MILE EAST OF BOWMANVILLE.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 5.4 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	9.2			4.1	1.6	0.71	0.29	0.06	1.3	1.2	1.2	5.0	01
02	6.2			6.7	1.4	0.67	0.2	0.24	1.2	1.2	2.0	3.6	02
03	6.9		5.0	5.6	1.5	0.61	0.2	0.71	1.1	1.1	3.3	2.6	03
04	5.9		3.7	4.0	1.6	0.65	0.2	0.26	3.7	1.1	2.1	3.3	04
05	5.4		14.0	4.1	1.5	0.58	0.2	0.29	1.6	0.88	1.5	2.2	05
06	5.1		3.7	4.8	1.6	0.55	0.3	0.71	1.2	0.28	1.4	14.6	06
07	4.8		2.4	5.0	1.5	0.86	0.4	0.52	1.1	0.4	1.4	128.0	07
08	4.8		2.4	4.2	1.4	0.63	0.3	0.55	0.97	0.6	2.8	68.9	08
09	5.1		2.7	4.0	1.2	0.92	0.2	0.63	0.91	0.73	6.3	20.7	09
10	4.9		2.2	4.1	1.2	2.3	0.2	0.55	0.87	1.0	25.3	82.2	10
11	4.3		1.9	3.2	1.1	1.2	0.2	0.92	0.82	1.1	7.9	26.2	11
12			1.7	2.8	1.4	0.86	0.2	1.0	0.82	1.2	3.6	7.8	12
13			5.3	2.7	2.2	0.69	0.3	0.76	0.79	1.1	2.8	5.7	13
14			3.6	2.6	1.5	0.84	0.3 E	0.66	0.93	1.1	2.5	5.0	14
15			2.4	2.4	1.3	4.7	0.3 E	0.74	0.91	1.1	2.2	4.6	15
16			2.0	2.2	1.5	5.1	0.3 E	1.1	0.86	2.4	2.2	4.8	16
17			1.9	2.0	1.9	2.4	0.3 E	1.1	0.85	1.5	2.1	5.8	17
18			2.4	1.9	1.6	1.6	0.3 E	0.71	0.85	1.3	2.1	6.2	18
19			4.0	1.8	3.3	1.2	0.3 E	0.69	0.83	1.3	1.9	3.6	19
20			3.8	2.7	2.1	1.0	0.3 E	0.58	0.8	1.4	1.6	2.8	20
21			2.6	2.7	2.1	0.87	0.3 E	0.54	1.3	1.2	1.7	2.7	21
22			6.0	2.6	1.6	0.73	0.3 E	1.2	2.3	1.2	1.7	2.4	22
23			5.6	2.0	1.3	0.6	0.3 E	2.0	1.6	1.2	1.8	2.5	23
24			7.1	2.3	1.2	0.52	0.3 E	1.0	1.2	1.1	2.1	2.1	24
25			5.5	2.2	1.2	0.43	0.3 E	0.91	1.1	1.1	6.6	1.8	25
26			4.0	1.7	0.98	0.4	0.3 E	0.98	1.0	1.1	5.2	1.7	26
27			3.0	1.6	0.86	0.37	0.3 E	0.85	1.0	1.1	3.4	1.6	27
28			2.7	1.9	0.82	0.32	0.74	0.79	1.0	1.1	32.1	1.7	28
29			3.3	1.9	0.77	0.35	0.82	0.78	1.1	1.1	46.3	1.9	29
30			6.8	1.7	0.76	0.32	0.54	1.0	1.9	1.0	8.2	1.9	30
31			4.9		0.75		0.3	2.3		1.1		2.0	31
TOTAL			116.6	91.5	44.74	32.98	9.79	25.13	35.91	34.29	185.3	425.9	TOTAL
MEAN			4.02	3.05	1.44	1.09	0.31	0.81	1.19	1.1	6.17	13.73	MEAN
AC-FT			231.27	181.49	88.74	65.41	19.41	49.84	71.22	68.01	367.54	844.77	AC-FT
MAX			14.0	6.7	3.3	5.1	0.82	2.3	3.7	2.4	46.3	128.0	MAX
MIN			1.7	1.6	0.75	0.32	0.2	0.06	0.79	0.28	1.2	1.6	MIN

SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 128.0 CFS
MINIMUM DAILY DISCHARGE, 0.06 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,
ABOUT 0.5 MILE EAST OF BOWMANVILLE.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 5.4 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

SOPER CREEK TRIBUTARY NEAR BOWMANVILLE - STATION NO. 02HD224

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.1	3.3 B	0.718	12.7	2.2	1.5 E	2.9	2.0	0.66	1.7 E	3.1	3.2	01
02	2.1	3.3 B	0.758	15.2	3.6	1.3 E	5.9	1.6	0.48	1.3 E	20.4	2.5	02
03	2.2	3.2 B	0.798	61.4	6.1	1.3 E	5.4	2.6	0.45	1.2 E	11.8	2.6	03
04	2.3	3.1 B	0.838	8.4	4.0	1.2 E	4.0	2.5	0.44	1.6	7.0	3.0	04
05	2.5	3.0 B	0.898	7.3	3.4	1.1 E	2.6	2.0	0.41	1.6	5.1	3.4	05
06	2.1 B	2.9 B	0.938	16.9	3.0	1.1 E	2.1	1.4	0.43	1.8	4.3	3.0	06
07	2.5	2.8 B	0.938	12.0	3.2	1.1 E	1.8	1.3	0.44	1.7	4.1	3.2	07
08	2.2	2.8 B	0.928	9.0	8.0	1.8	1.6	1.8	0.44	1.6	3.8	3.9	08
09	2.1	2.7 B	0.928	7.5	5.9	1.7	1.5	2.3	0.47	1.2	4.3	3.2	09
10	2.2	2.6 B	3.3 B	18.2	5.1	2.3	1.5	3.8	0.5	1.3	4.0	2.4	10
11	2.1	2.5 B	49.8	7.1	4.8	2.1	1.4	2.2	0.48	1.4	4.5	5.0	11
12	1.9	2.1 B	42.4	5.3	6.0	1.4	2.6	1.4	0.44	1.4	10.3	34.9	12
13	2.3	1.7 B	21.0	5.1	4.3	1.3	3.1	1.2	0.36	1.4	7.1	9.7	13
14	2.3	1.3 B	26.3	7.7	3.3	0.94	1.9	0.93	0.36	1.6	5.3	5.7	14
15	2.4	1.2 B	19.7	16.0	3.7	1.5	1.6	0.71	0.36	1.6	4.2	4.6	15
16	2.2 B	1.2 B	4.7 B	8.4	3.3	1.8	1.5	0.54	0.33	3.1	3.6 E	4.0	16
17	2.2	1.1 B	3.8 B	7.7	2.8	5.1	1.2	0.49	0.4	3.6	3.8 E	3.8	17
18	2.2 B	1.1 B	2.7 B	8.4	2.7	8.0	1.0	0.63	0.45	9.2	15.3	4.6	18
19	2.2 B	1.1 B	2.6 B	5.6	5.4	2.5	0.99	0.84	0.45	14.5	11.5	7.0	19
20	2.4 B	1.0 B	3.5 B	4.9	4.3	1.8	0.71	0.84	0.48	6.0	5.9	5.1	20
21	2.2	0.998	4.0 B	4.5	3.1	1.5	0.6	0.55	0.95	4.3	4.4	40.3	21
22	2.1	0.938	3.9	12.5	3.2	8.5	0.55	0.6	1.7	3.5	5.9	50.6	22
23	37.0	0.666	6.7	6.8	3.1	3.9	1.7	0.48	0.95	3.2	15.6	9.0	23
24	28.1	0.798	66.2	5.3	2.6	2.4	4.6	0.46	1.1 E	3.0	9.1	5.2	24
25	44.9	0.733	31.4	4.3	2.3	3.1	3.2	0.44	0.9 E	3.9	6.5	5.7	25
26	9.7	0.668	47.1	3.8	2.0	2.4	1.6	0.46	0.9 E	5.4	5.9	4.8 B	26
27	3.4 B	0.628	24.7	3.4	1.9	1.6	3.0	0.6	0.8 E	4.1	4.8	3.8 B	27
28	3.4 B	0.688	12.6	2.9	2.0	1.4	22.4	1.3	4.0 E	4.5	3.5	2.0 B	28
29	3.4 B		13.6	2.6	1.7	1.8	3.6	0.87	8.4 E	3.7	3.4	2.0 B	29
30	3.4 B		11.2	2.3	1.6 E	3.3	2.3	0.72	2.5 E	3.2	2.9	1.8 B	30
31	3.4 B		10.8		1.5 E		2.1	1.2		3.1		1.9 B	31
TOTAL	185.5	50.29	419.67	493.2	110.1	70.74	90.95	38.76	31.03	100.7	201.4	248.5	TOTAL
MEAN	5.98	1.79	13.53	9.77	3.55	2.35	2.93	1.25	1.03	3.24	6.71	6.01	MEAN
AC-FT	367.93	99.75	832.41	581.56	218.38	140.31	180.39	76.88	61.54	199.73	399.47	492.89	AC-FT
MAX	44.9	3.3	66.2	61.4	8.0	8.5	22.4	3.8	8.4	14.5	20.4	50.6	MAX
MIN	1.9	0.65	0.71	2.3	1.5	0.94	0.55	0.44	0.33	1.2	2.9	1.8	MIN

SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, 5.0 CFS
TOTAL DISCHARGE, 3650 AC-FT
MAXIMUM DAILY DISCHARGE, 66.2 CFS
MINIMUM DAILY DISCHARGE, 0.33 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,
ABOUT 0.5 MILE EAST OF BOWMANVILLE.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 5.4 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

SOPER CREEK TRIBUTARY NEAR BOWMANVILLE - STATION NO. 02HD224

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.9	24.5 E	1.5	7.7	2.3	2.7	1.4	0.48	0.43	0.47	1.1	3.1	01
02	1.9	132.0 E	1.4	5.2	3.1	2.4	1.1	0.4	0.49	0.46	1.1	3.5	02
03	1.6	31.5 E	2.4	4.8	2.7	2.4	0.9	0.36	0.62	1.4	1.2	3.5	03
04	1.7	13.4 B	2.1	31.3	2.9	1.8	0.95	0.35	0.48	1.1	1.2	14.1	04
05	1.7	6.6 B	1.4	11.8	2.3	1.5	0.94	0.32	0.48	0.75	1.2	13.0	05
06	1.6	4.4 B	1.9	6.2	1.8	1.3	0.95	1.1	4.7	0.75	1.2	5.3	06
07	1.5	3.5 B	2.7	5.4	1.6	1.2	0.79	0.78	1.6	1.1	2.9	3.6	07
08	1.4	3.6 B	28.0 E	5.2	1.5	1.1	0.72	0.54	0.81	0.94	3.3	2.7	08
09	1.4	2.0 B	54.8 E	4.0	2.2	1.1	0.68	0.94	0.65	0.76	2.0	1.8 B	09
10	1.3	1.5 B	43.3 E	4.2	3.2	1.1	0.86	0.52	0.66	0.84	2.6	2.6 B	10
11	1.2	1.4 B	19.9 E	3.9	1.9	1.1	0.65	0.42	1.0	0.95	1.7	1.9 B	11
12	1.1	1.3 B	18.4 E	3.7	3.9	1.2	0.57	0.42	1.1	1.0	1.6	1.6	12
13	1.1	1.2 B	6.4 B	3.6	3.7	0.96	0.51	0.42	0.58	1.1	2.0	3.0	13
14	1.0	1.2 B	4.7 B	3.6	2.3	0.97	0.5	0.39	0.46	0.93	2.3	1.9	14
15	1.0	1.1 B	3.6	3.5	2.6	0.92	0.53	0.36	0.47	1.1	3.5	1.2 B	15
16	1.0	1.1 B	100.0 E	3.0	5.3	0.85	0.48	0.44	0.48	1.3	4.2	0.958	16
17	1.1	1.1 B	55.5 E	2.7	7.0	0.78	0.46	0.53	0.47	1.3	3.1	0.928	17
18	1.2	1.1 B	36.2 E	2.6	3.6	0.76	0.44	0.43	0.37	1.5	4.4	0.988	18
19	1.2	1.1 B	15.8 E	2.5	3.5	1.2	0.47	0.44	0.48	4.3	2.3	1.0 B	19
20	1.4	1.1 B	15.8 E	2.4	12.1	0.85	0.47	0.79	0.49	2.1	4.8	1.1 B	20
21	1.5	1.1 B	16.2 E	2.3	5.7	0.79	0.4	0.46	0.51	1.3	2.2	1.2 B	21
22	1.5	1.1 B	11.5 E	2.3	3.8	2.2	0.38	1.8	0.56	1.2	6.0	1.2	22
23	1.6	1.2 B	11.4	2.2	2.9	1.3	0.34	2.5	0.57	1.3	4.6	4.0	23
24	1.5	1.3 B	5.6	3.0	2.2	1.1	0.38	1.0	0.81	1.2	3.5	4.8	24
25	1.5	1.3 B	5.4	2.6	1.8	1.2	0.41	0.72	0.55	1.3	2.3	2.1 B	25
26	1.5	1.5 B	7.5	2.5	1.7	5.2	0.34	0.59	0.49	1.2	1.8	0.728	26
27	1.4	1.5	13.0	2.1	1.5	2.2	0.36	0.59	0.5	1.1	3.5	0.488	27
28	1.4	1.5	11.9	1.8	1.5	3.1	0.38	0.46	0.5	1.1	6.1	0.688	28
29	1.4		10.8	1.7	5.4	2.0	0.33	0.43	0.51	1.1	16.9	0.918	29
30	5.1		7.3	1.9	5.3	1.6	0.33	0.43	0.85	1.1	4.1	1.0 B	30
31	6.9		6.8		3.4		0.36	0.42		1.0		1.1 B	31
TOTAL	52.8	250.2	523.2	140.3	104.7	46.88	18.38	19.83	22.67	37.05	98.7	85.94	TOTAL
MEAN	1.7	8.93	16.87	4.67	3.37	1.56	0.59	0.63	0.75	1.19	3.29	2.77	MEAN
AC-FT	104.72	496.27	1037.76	278.28	207.07	92.98	36.45	39.33	44.96	73.48	195.77	170.46	AC-FT
MAX	6.9	132.0	100.0	31.3	12.1	5.2	1.4	2.5	4.7	4.3	16.9	14.1	MAX
MIN	1.0	1.1	1.4	1.7	1.5	0.76	0.33	0.32	0.37	0.46	1.1	0.48	MIN

SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 3.8 CFS
 TOTAL DISCHARGE, 2770 AC-FT
 MAXIMUM DAILY DISCHARGE, 132.0 CFS
 MINIMUM DAILY DISCHARGE, 0.32 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,
 ABOUT 0.5 MILE EAST OF BOWMANVILLE.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 5.4 SQUARE MILES.
 REMARKS: BROAD-CRESTED CONCRETE CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED

NATURAL FLOW

SOPER CREEK TRIBUTARY NEAR BOWMANVILLE - STATION NO. 02HD224

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.1	13.5 E	4.3	2.8	3.0	1.4	1.1	5.7	0.81	0.77	1.5	1.7 B	01
02	1.0	7.5	4.6 B	55.5	2.6	4.1	0.7	16.9	0.77	0.91	8.9	2.4 B	02
03	0.99	8.0	5.4 B	6.8	3.8	9.7	0.77	3.1	0.76	1.1	7.3	2.3 B	03
04	0.98	11.6 B	6.4 B	6.0	2.9	4.1	0.71	1.8	0.71	0.88	4.3	1.9 B	04
05	0.98	3.1 B	2.9 B	15.8	2.3	3.6	1.0	1.6	0.66	0.86	3.1	1.7 B	05
06	0.998	1.7 B	1.8 B	7.9	2.0	3.5	0.59	1.4	0.77	0.86	2.3	1.7 B	06
07	0.998	1.4 B	1.2 B	0.0	2.0	2.6	0.57	1.3	0.82	0.93	2.0	2.7	07
08	0.998	1.4 B	1.1 B	5.6	4.1	1.9	0.59	1.3	0.84	1.1	1.8	4.7	08
09	0.998	1.2 B	1.1 B	5.2	4.8	1.6	0.55	1.0	0.9	0.99	1.8	4.4	09
10	0.998	0.978	1.0 B	9.7	5.1	1.4	0.56	0.92	0.8	0.98	1.8	3.7	10
11	1.0 B	1.1 B	0.978	6.2	11.7	1.3	1.8	0.88	0.84	0.91	1.8	25.4	11
12	1.0 B	1.2 B	1.3 B	4.6	6.4	1.2	2.3	0.86	0.93	0.9	2.2	14.7	12
13	1.0 B	1.2 B	1.5	4.2	4.7	1.3	1.2	0.76	0.76	0.91	2.1	7.5	13
14	1.0 B	1.2 B	1.7	4.0	3.9	1.1	0.81	0.74	0.73	1.4	4.0	6.0	14
15	1.0 B	1.1 B	2.3	4.1	3.0	1.3	0.61	0.75	0.73	1.1	4.4	4.4	15
16	1.0 B	0.948	6.7	5.7	2.6	1.8	0.55	2.5	0.85	1.9	2.7	4.1	16
17	1.0 B	0.6 B	7.8	9.4	2.3	1.2	0.52	25.1	1.1	1.8	2.4	3.2	17
18	13.0 E	1.3 B	8.4	57.7	7.2	1.6	0.49	5.5	0.93	1.3	3.0	3.2	18
19	32.5 E	1.7	5.2	16.4	36.0	1.5	0.46	7.0	0.7 E	1.2	5.0	3.2	19
20	42.5 E	3.0	3.7	8.4	8.2	1.3	0.45	3.3	0.7 E	4.8	5.0	3.6	20
21	16.7 E	14.0 E	7.6	6.7	5.0	1.1	0.45	2.0	0.6 E	2.7	3.0	3.1	21
22	5.3 E	15.0	4.0	6.3	3.8	0.96	0.46	1.6	0.6 E	1.8	2.8	2.7	22
23	7.6 E	5.7	3.2	6.8	3.2	1.3	0.42	1.4	0.6 E	1.6	2.8	3.0 B	23
24	131.0 E	5.9	5.7	5.3	2.6	1.5	0.46	1.2	0.7 E	1.6	2.7	1.7 B	24
25	37.4 E	5.9	18.7	3.9	2.6	1.3	2.3	1.0	0.7 E	1.6	2.7	2.5 B	25
26	28.7 E	3.8	13.7	3.4	2.1	1.1	2.9	0.91	0.89	1.5	2.8	2.2 B	26
27	10.5 E	2.8 B	5.4	3.1	1.8	1.0	2.5	0.86	0.87	1.5	2.5	2.0 B	27
28	2.2 B	3.8 B	4.1	4.3	1.7	0.83	6.6	0.9	0.81	1.4	2.2	1.8 B	28
29	1.6 B		4.7	5.6	1.9	0.69	6.5	0.86	0.8	1.3	2.2	1.7 B	29
30	160.0 B		2.9	3.7	2.1	1.1	2.2	0.82	0.82	1.2	1.9 B	1.6 B	30
31	49.9 E		2.8		1.4		1.4	0.87		1.3		1.4 B	31
TOTAL	555.9	120.61	142.17	291.1	146.8	58.38	42.52	94.83	23.5	43.1	93.0	127.2	TOTAL
MEAN	17.93	4.3	4.58	9.7	4.75	1.94	1.37	3.05	0.78	1.39	3.1	4.1	MEAN
AC-FT	1102.62	239.22	281.99	577.39	291.17	115.79	84.33	188.09	46.61	85.48	184.46	252.3	AC-FT
MAX	160.0	15.0	18.7	57.7	36.0	9.7	6.6	25.1	1.1	4.8	8.9	25.4	MAX
MIN	0.98	0.6	0.97	2.8	1.4	0.69	0.42	0.74	0.6	0.77	1.5	1.4	MIN

SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 4.8 CFS
 TOTAL DISCHARGE, 3450 AC-FT
 MAXIMUM DAILY DISCHARGE, 160.0 CFS
 MINIMUM DAILY DISCHARGE, 0.42 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,
 ABOUT 0.5 MILE EAST OF BOWMANVILLE.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 5.4 SQUARE MILES.
 REMARKS: BROAD-CRESTED CONCRETE CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.3 B	2.5 B	1.6 B	4.8	3.1	0.98	1.3	1.7	0.48	0.72	9.0	3.0	01
02	1.3 B	13.5 E	1.6	42.8 E	2.7	0.95	1.6	0.87	0.36	0.74	4.6	2.8	02
03	1.3 B	33.3 E	1.7	23.7 E	2.3	0.83	1.4	0.72	0.39	1.1	2.8	2.5	03
04	1.3 B	11.5 E	12.4 E	10.6	2.1	0.67	1.4	0.53	0.63	1.3	2.1	4.8	04
05	1.3 B	2.8	50.4 E	7.2	1.9	0.56	1.3	0.43	0.59	0.89	1.8	4.0 B	05
06	1.3 B	2.7 B	26.2 E	6.8	1.7	0.47	0.9	0.41	0.5	0.6	1.7	4.1 B	06
07	1.3 B	2.8 B	15.6 E	7.1	1.5	0.46	0.75	0.34	0.39	0.75	1.6	2.7 B	07
08	1.3 B	2.3	6.3 E	7.2	2.6	0.4	0.66	0.28	0.45	0.8	1.3	1.7 B	08
09	1.2 B	1.9	3.9 E	7.0	2.5	0.3	0.68	0.22	0.89	0.85	1.3	12.8	09
10	1.1 B	2.1	3.2 E	5.1	2.0	0.27	1.7	0.21	0.63	0.89	2.3	10.7	10
11	1.1 B	3.2	3.4 E	3.7	1.8	26.6	1.4	0.23	0.47	1.1	3.0	4.5	11
12	1.0 B	2.5 B	5.5	3.4	1.6	23.0	1.1	0.21	0.43	1.3	2.9	3.0 B	12
13	1.0 B	2.1 B	9.7	3.5	1.6	2.4	0.71	0.31	0.47	2.1	2.7	2.6 B	13
14	1.0 B	1.8 B	9.1	3.6	1.5	1.7	1.4	0.29	0.63	2.6	2.0	2.5 B	14
15	0.988	1.5 B	5.1	3.8	2.1	1.5	1.8	0.36	0.55	1.5	2.1	2.4 B	15
16	0.978	1.4 B	5.3	3.5	12.5	1.5	1.3	0.34	0.99	0.98	2.0	2.2 B	16
17	1.0 B	1.4 B	5.4	3.6	17.9	2.0	1.0	0.27	0.6	0.88	1.8	2.4 B	17
18	1.1 B	1.4 B	8.4	3.5	5.0	2.2	0.79	0.2	1.1	0.82	1.8	2.9 B	18
19	1.1 B	1.5 B	11.6	3.0	3.6	1.9	0.69	0.57	0.94	0.78	1.7	3.1	19
20	1.2 B	1.4 B	14.4	28.1 E	2.6	1.4	3.9	0.81	0.66	0.73	4.8	3.2	20
21	1.2 B	1.3 B	16.7	15.6	2.0	1.3	3.1	0.42	0.67	2.4	5.1	3.0	21
22	1.3 B	7.4 B	12.0	8.5	3.2	1.1	1.3	0.32	0.61	4.4	3.5	2.7 B	22
23	1.3 B	39.0 B	23.0 E	6.7	2.8	0.92	0.93	0.39	0.68	1.9	2.8	2.5 B	23
24	1.3 B	9.5 B	16.3 E	14.0	2.1	0.85	0.73	0.3	0.7	1.3	2.3	2.4 B	24
25	1.4 B	20.7 B	9.7	15.7	2.0	0.89	0.69	0.29	0.79	1.1	1.7	2.5 B	25
26	1.3 B	2.7 B	16.7 E	6.4	2.9	0.95	0.62	0.34	0.71	1.0	2.1	2.4	26
27	1.4 B	1.6 B	11.4	4.7	1.7	8.2	0.61	0.53	1.2	0.91	2.7	2.3	27
28	1.4 B	1.6 B	7.3	3.7	1.5	2.2	0.5	0.42	0.77	0.89	5.3	2.0	28
29	4.2 B		6.1	3.1	1.2	1.7	0.44	0.37	0.73	0.87	4.4	2.0 B	29
30	22.5 B		5.3	2.8	1.1	1.7	0.41	0.78	0.79	2.9	3.7	2.0 B	30
31	8.1 B		4.8		1.0		0.46	1.0		11.4		1.6 B	31
TOTAL	68.55	177.4	330.1	263.2	94.7	89.9	35.57	14.46	19.8	50.7	86.9	103.5	TOTAL
MEAN	2.21	6.33	10.64	8.77	3.05	2.99	1.14	0.46	0.66	1.63	2.89	3.33	MEAN
AC-FT	135.96	351.87	654.75	522.05	187.83	178.31	70.55	28.68	39.27	100.56	172.36	205.29	AC-FT
MAX	22.5	39.0	50.4	42.8	17.9	26.6	3.9	1.7	1.2	11.4	9.0	12.8	MAX
MIN	0.97	1.3	1.6	2.8	1.0	0.27	0.41	0.2	0.36	0.72	1.3	1.7	MIN

SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 3.7 CFS
 TOTAL DISCHARGE, 2650 AC-FT
 MAXIMUM DAILY DISCHARGE, 50.4 CFS
 MINIMUM DAILY DISCHARGE, 0.20 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,
 ABOUT 0.5 MILE EAST OF BOWMANVILLE.

TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 5.4 SQUARE MILES.
 REMARKS: BROAD-CRESTED CONCRETE CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED

NATURAL FLOW

SOPER CREEK TRIBUTARY NEAR BOWMANVILLE - STATION NO. 02HD224

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.7 B	1.3	50.9 E	33.7 E	2.4	0.79	0.74	0.58	0.63	0.65	0.87	1.2	01
02	1.6 B	1.4 B	29.4	82.1 E	2.9	1.3	0.62	0.54	0.57	0.62	0.89	0.98	02
03	1.5 B	1.4 B	14.3	26.4 E	2.6	4.5	0.57	0.51	0.58	0.65	0.9	1.1	03
04	1.5 B	1.4 B	6.6	11.8	2.2	1.7	0.57	0.5	0.57	0.65	0.93	1.1	04
05	2.6 B	9.9 B	9.1	9.8	1.9	1.1	0.64	0.48	0.64	0.65	0.95	1.0	05
06	2.1 B	37.4 B	14.7	12.1	1.9	0.99	5.1	0.43	0.71	0.74	0.99	1.9	06
07	1.8 B	14.9 B	12.7	13.2	1.7	0.92	1.4	0.41	0.66	0.89	1.2	4.0	07
08	1.7 B	4.2 B	9.5 B	9.2	1.9	1.3	0.83	0.37	0.63	0.71	1.0	2.7	08
09	1.6 B	2.1 B	5.2 B	9.2	2.2	1.0	0.76	0.33	0.59	1.1	1.0	3.4	09
10	1.5 B	2.1 B	4.5 B	9.8	1.8	0.78	0.64	0.39	0.53	3.0	1.5	6.5	10
11	1.2 B	2.1 B	3.9	6.8	1.5	0.72	0.58	0.79	0.56	1.1	1.4	6.0	11
12	1.1 B	2.2 B	4.4	6.9	1.9	0.69	0.57	0.46	0.61	0.82	1.0	3.4	12
13	1.3 B	2.1	3.5	11.9	1.8	1.7	0.73	0.4	0.77	0.77	1.2	2.4	13
14	1.5	2.2	4.0	9.6	1.4	1.1	0.71	0.39	0.72	2.0	1.1	2.0	14
15	1.4 B	2.2	48.4 E	5.7	1.2	0.78	0.59	0.47	0.66	1.1	1.4	4.8	15
16	1.4 B	2.2	90.1 E	4.9	1.2	0.71	0.56	0.39	0.63	0.91	1.1	8.0	16
17	1.4 B	2.3	47.9 E	4.5	1.2	0.67	0.75	0.36	0.66	0.8	1.0	3.7	17
18	1.5 B	2.3	44.6 E	4.2	1.1	0.63	0.59	0.33	0.64	0.78	0.93	2.5	18
19	1.5 B	2.2	25.7	4.2	1.0	0.64	0.59	0.33	0.59	0.75	1.1	2.1	19
20	1.5 B	19.1 E	10.3	4.0	1.2	0.67	0.64	0.32	0.67	0.72	1.7	2.7	20
21	1.5 B	56.1 E	7.2	3.7	1.1	0.74	0.55	0.37	0.71	0.71	2.3	3.2	21
22	1.5 B	38.6	6.7	3.0	0.96	0.62	0.53	0.46	0.94	0.74	1.1	2.5 B	22
23	1.5 B	64.5 E	6.0	2.6	0.89	0.57	0.68	1.0	0.78	0.83	0.95	2.4	23
24	1.6 B	59.3 E	4.7	2.5	0.91	0.58	0.7	0.53	0.76	0.87	0.85	4.4	24
25	1.5	36.4	4.5	2.7	1.4	1.1	0.77	0.52	0.67	2.6	0.94	4.5 B	25
26	1.5 B	11.3	5.6	2.7	1.2	1.0	0.72	0.75	0.66	1.5	1.0	3.1 B	26
27	1.5 B	132.0 E	10.8	2.5	1.5	0.79	0.85	2.2	0.65	1.1	1.4	2.3	27
28	1.5 B	80.9 E	8.2	2.5	1.1	4.5	0.64	1.8	0.68	1.0	2.5	2.3	28
29	1.4 B		10.4	3.0	0.94	1.2	0.72	1.9	0.87	0.91	1.6	2.0	29
30	1.4 B		15.2	2.7	0.87	0.84	0.71	0.86	0.73	0.88	1.2	1.7 B	30
31	1.4 B		23.5		0.82		0.65	0.75		0.88		1.8 B	31
TOTAL	47.7	594.4	542.5	307.9	46.69	34.63	25.7	19.92	24.19	31.43	36.0	91.68	TOTAL
MEAN	1.53	21.21	17.5	10.26	1.5	1.15	0.82	0.64	0.8	1.01	1.2	2.95	MEAN
AC-FT	94.61	1178.39	1076.04	610.71	92.6	68.68	50.97	39.51	47.98	62.34	71.4	181.84	AC-FT
MAX	2.6	132.0	90.1	82.1	2.9	4.5	5.1	2.2	3.1	3.0	2.5	8.0	MAX
MIN	1.1	1.3	3.5	2.5	0.82	0.57	0.53	0.32	0.53	0.62	0.85	0.98	MIN

SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 4.9 CFS
 TOTAL DISCHARGE, 3580 AC-FT
 MAXIMUM DAILY DISCHARGE, 132 CFS
 MINIMUM DAILY DISCHARGE, 0.32 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,
 ABOUT 0.5 MILE EAST OF BOWMANVILLE.

TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 5.4 SQUARE MILES.
 REMARKS: BROAD-CRESTED CONCRETE CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED

NATURAL FLOW

SOPER CREEK TRIBUTARY NEAR BOWMANVILLE - STATION NO. 02HD224

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.1 B	0.3 B	0.99	60.8 E	2.7	1.5	1.2	0.54	0.67	1.7			01
02	2.1 B	0.268	2.4 B	54.5 E	5.0	1.7	0.98	3.1	0.66	1.2			02
03	2.0 B	0.278	2.1 B	64.3 E	15.9	1.2	0.94	4.6	0.68	1.0			03
04	1.9 B	0.278	1.1 B	25.2 E	5.8	1.4	0.94	1.6	0.65	0.97			04
05	1.7 B	0.278	1.0 B	14.6	4.3	1.1	0.82	0.96	0.58	0.92			05
06	1.6 B	0.278	0.97	7.9	4.0	0.95	0.77	0.84	0.59	1.2			06
07	1.5 B	0.278	1.0 B	6.0 B	3.5	0.9	0.71	1.8	0.59	2.6			07
08	1.4 B	0.278	1.5 B	5.8 B	3.0	0.91	0.7	3.7	3.7	1.4		3.8	08
09	1.3 B	0.278	1.1	12.9 B	2.6	1.2	0.68	5.3	2.2	1.1		3.5	09
10	1.3 B	0.278	1.0	18.7 E	2.2	0.88	0.81	3.4	1.0	0.99		3.4	10
11	1.3 B	0.278	0.95	33.2 E	2.0	0.85	0.73	1.8	0.82	0.98		2.6 B	11
12	1.3 B	0.278	1.2	22.3 E	1.8	0.87	0.68	1.6	0.78	1.0		3.9	12
13	1.3 B	0.278	1.9	99.3 E	1.7	0.94	0.73	1.3	0.79	0.95		105.0	13
14	1.6 B	7.9 B	1.4	21.1 E	2.7	0.94	1.3	1.2	0.84	0.94		17.4	14
15	1.3 B	8.5 B	1.2	20.0 E	3.1	0.94	2.6	1.1	0.73	1.0		7.4	15
16	1.2 B	10.9 B	1.6	17.8 E	2.9	0.83	6.3	0.99	0.69	1.0		3.8 B	16
17	1.2 B	8.0 B	9.1 E	29.2 E	3.2	0.79	1.8	1.1	0.66	1.0		3.8 B	17
18	1.3 B	4.6 B	41.5 E	13.0	2.6	0.75	1.1	1.1	0.61	0.96		3.9 B	18
19	5.2 B	2.2 B	35.2 E	11.3	2.1	0.76	1.2	0.91	0.65			3.8	19
20	1.4 B	1.0 B	19.8 E	13.7	1.9	0.75	1.0	0.83	0.58			3.6	20
21	1.1 B	1.0 B	8.6	7.7	1.7	0.99	0.86	0.78	0.6			3.4	21
22	1.1 B	0.988	173.0 E	14.3	1.4	2.4	0.78	0.78	0.6			3.2	22
23	8.2 B	0.978	52.2 E	14.9	1.2	3.1	2.4	1.6	0.6			3.3	23
24	1.7 B	0.968	26.3 E	7.9	1.2	4.1	1.2	1.9	0.93			3.8	24
25	1.2 B	0.958	11.4 B	5.7	1.1	2.1	1.0	1.1	0.92			4.3	25
26	1.1 B	0.958	5.5 B	4.6	1.0	1.6	0.88	0.93	1.1			5.0	26
27	1.1 B	0.94	4.6 B	4.0	1.0	1.5	0.77	1.1	1.1			5.3	27
28	1.1 B	0.93	6.6 B	3.5	0.96	1.2	0.68	0.99	0.85			3.9	28
29	1.0 B	0.93	21.2 E	3.1	0.94	1.1	0.61	0.76	0.89			4.0 B	29
30	0.998		83.9 E	2.9	1.2	1.4	0.58	0.69	2.8			3.9 B	30
31	0.818		91.8 E		1.6		0.56	0.66				46.1	31
TOTAL	53.4	55.71	612.11	620.2	86.3	39.65	36.31	49.06	28.86				TOTAL
MEAN	1.72	1.92	19.74	20.67	2.78	1.32	1.17	1.58	0.96				MEAN
AC-FT	105.91	110.5	1214.12	1230.16	171.17	78.64	72.31	97.31	57.24				AC-FT
MAX	8.2	10.9	173.0	99.3	15.9	4.1	6.3	5.3	3.7				MAX
MIN	0.81	0.26	0.95	2.9	0.94	0.75	0.56	0.54	0.58				MIN

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 173 CFS
MINIMUM DAILY DISCHARGE, 0.26 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,
ABOUT 0.5 MILE EAST OF BOWMANVILLE.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 5.4 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

SOPER CREEK TRIBUTARY NEAR BOWMANVILLE - STATION NO. 02HD224

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	38.6	2.4 B	1.1	117.0 E	3.0	4.8	1.2	1.3	0.51	0.48	4.2	2.0	01
02	10.2	147.0 E	3.4	34.8 E	3.8	3.1	1.1	0.9	0.56	0.6	2.5	1.5	02
03	6.4	54.1 E	61.4 E	44.7 E	0.5	2.3	0.96	0.74	0.72	0.93	2.9	1.8	03
04	10.5	4.3	126.0 E	22.6 E	4.2	2.1	0.91	0.62	0.51	0.81	1.7	1.9	04
05	10.6	2.6 B	6.5	21.3	3.4	2.7	0.95	0.55	0.46	1.1	1.3	2.7	05
06	5.9 B	3.0 B	20.7	10.0	2.5	2.1	0.82	0.54	0.47	0.85	1.2	2.5	06
07	4.8 B	2.7	41.3 E	7.3	2.1	2.9	0.77	0.54	0.39	0.73	1.2	2.1	07
08	3.0 B	2.1	10.5 E	5.7	3.0	1.9	0.71	0.56	0.37	0.67E	1.1	1.7	08
09	2.8 B	1.9 B	6.8	4.7	9.1	1.4	0.66	0.54	0.38	0.64E	1.0 B	1.9	09
10	2.3 B	2.1 B	9.1	4.5	5.4	1.1	0.66	0.57	0.38	0.62E	0.83B	2.4	10
11	1.7 B	1.7 B	79.1 E	4.4	11.6	1.0	0.66	0.58	0.35	0.64	1.0	2.3	11
12	1.5 B	1.8 B	22.1 E	3.7	6.1	1.1	0.67	0.58	0.32	0.65	1.1	1.9	12
13	1.6	1.8 B	10.2	3.2	4.2	0.99	0.73	0.51	0.38	0.75	1.1	1.7 B	13
14	1.8	1.4	11.7	2.9	3.4	0.89	0.77	0.56	0.4	1.2	1.1	2.0 B	14
15	1.9	1.4	11.7	2.8	3.2	0.94	0.74	0.49	0.39	0.85	3.0	1.9 B	15
16	1.9	1.2	11.8	2.8	3.0	0.99	0.72	0.41	0.33	0.74	4.3	1.2 B	16
17	2.7	1.1 B	88.7 E	2.9	3.2	1.0	0.65	0.38	0.36	0.78	2.1	1.1 B	17
18	10.6 E	1.1 B	16.8 E	2.7	2.6	1.2	0.61	1.5	0.84	0.81	1.9	1.1 B	18
19	46.5 E	1.2 B	5.7 B	2.7	2.2	1.1	0.58	1.1	0.79	0.91	2.0	1.1 B	19
20	9.6 E	1.2	5.2 B	2.7	2.0	1.0	0.6	0.81	0.63	1.3	1.6	1.1 B	20
21	3.6	1.2	4.9 B	2.3	2.1	0.94	0.65	0.65	0.55	0.96	1.6	1.1 B	21
22	37.7 E	1.2	4.6	2.7	1.7	0.91	0.54	0.6	0.82	0.82	2.5	0.84	22
23	21.0 E	1.2	5.8	3.2	1.5	0.86	0.51	0.55	0.9 E	0.89	1.8	0.72	23
24	5.3	1.2	6.3	2.6	1.5	1.1	0.48	0.56	0.96	0.9	1.8	0.74	24
25	4.3	1.1	6.9	2.2	1.5	1.0	0.57	0.53	0.69	0.89	2.9 E	2.1	25
26	3.7	1.1	6.4	1.9	1.8	0.94	0.76	0.52	0.58	0.84	1.9	5.0	26
27	3.3 B	1.0	5.0	1.9	1.8	0.92	0.78	0.91	0.57	0.82	1.8	12.0	27
28	3.0 B	1.0	4.7	6.0	8.1	3.9	0.83	0.66	0.58	0.9	4.0	8.4	28
29	2.2 B		5.8	4.7	5.0	4.7	1.0	0.49	0.58	2.5	4.2	5.8	29
30	2.4 B		13.6	3.0	3.2	1.7	0.69	0.47	0.51	3.5	2.6	4.7 B	30
31	2.4 B		15.3		7.1		0.66	0.56		2.8		3.5	31
TOTAL	276.6	245.1	635.1	333.9	119.8	51.58	22.94	20.28	16.28	31.88	62.23	82.3	TOTAL
MEAN	8.92	8.75	20.48	11.13	3.86	1.71	0.74	0.65	0.54	1.02	2.07	2.85	MEAN
AC-FT	546.63	486.13	1259.72	662.29	237.02	102.3	45.5	40.22	32.29	63.23	123.43	163.24	AC-FT
MAX	46.5	147.0	126.0	117.0	11.6	4.8	1.2	1.5	0.96	3.5	4.3	12.8	MAX
MIN	1.5	1.0	1.1	1.9	1.5	0.86	0.48	0.38	0.32	0.48	0.83	0.72	MIN

SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 5.2 CFS
TOTAL DISCHARGE, 3760 AC-FT
MAXIMUM DAILY DISCHARGE, 147 CFS
MINIMUM DAILY DISCHARGE, 0.32 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,
ABOUT 0.5 MILE EAST OF BOWMANVILLE.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 5.4 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.6 B	6.6 B	18.0	9.4	3.4	2.0	2.2	0.97	0.69	1.1	0.98	1.6 B	01
02	2.4 B	5.7 B	3.8	88.0	2.4	1.8	1.8	0.93	0.67	1.1	0.91	2.7	02
03	2.2 B	2.7 B	3.3	9.5	2.4	1.7	142.0	0.89	1.1	1.1	0.91	3.5	03
04	2.1 B	2.5 B	41.6	160.0	2.3	1.6	10.0	2.8	0.89	1.1	1.2	2.0	04
05	2.0 B	2.4 B	186.0	17.0	2.1	1.5	4.3	1.5	0.73	1.1	1.1	1.5	05
06	2.0 B	2.3 B	9.7	8.1	3.4	1.4	2.7	0.99	0.68	1.1	1.1	1.5	06
07	2.0 B	2.1 B	9.8	7.4	2.6	1.3	2.1	0.83	0.65	1.3	0.95	1.7	07
08	1.8 B	1.7 B	4.8 B	6.9 B	2.4	1.3	1.7	0.78	0.65	1.0	0.9	7.1	08
09	1.7 B	1.5 B	3.7 B	5.0 B	4.8	1.2	1.4	0.76	0.67	1.0	0.89	4.4 B	09
10	1.6 B	1.0	3.0 B	4.5 B	4.4	1.2	2.3	0.73	0.81	0.99	0.9	2.6 B	10
11	1.4 B	1.2	2.8 B	4.0	3.1	1.2	1.3	0.72	0.74	0.92	0.92	2.1	11
12	1.3 B	1.1	2.6 B	5.3	61.4	1.2	1.1	0.81	0.85	0.96	1.8	4.1	12
13	1.1 B	1.2 B	2.5 B	8.4	21.8	1.1	0.99	0.85	0.88	0.95	2.0	3.5	13
14	1.1	1.2 B	2.4 B	25.8	8.5	1.0	1.0	0.7	0.74	2.3	2.0	2.8	14
15	1.3	1.1 B	2.3 B	23.2	8.5	2.3	1.6	0.65	0.71	1.6	1.4	2.4 B	15
16	1.3	0.998	2.2 B	7.9	5.3	3.7	0.98	0.64	0.75	1.1	1.1	4.1	16
17	1.1	1.1	2.2 B	5.6	38.2	1.7	0.9	0.68	0.74	1.0	1.2	5.4	17
18	1.0 B	0.93	2.2 B	4.6	8.5	2.3	0.93	0.67	0.76	0.93	1.2	3.5	18
19	1.0 B	1.1	2.1 B	3.8	5.0	8.2	0.87	0.62	0.74	0.89	1.1	2.7	19
20	1.1 B	1.4	2.1 B	3.4	4.0	12.4	0.76	0.59	0.73	0.87	5.0	2.5 B	20
21	7.3 B	5.0	2.1 B	3.3	3.4	4.2	0.72	0.58	0.7	0.84	8.3	2.3	21
22	9.6 B	171.0	2.0 B	8.2	3.1	2.5	0.71	0.55	0.73	0.9	3.0	2.2	22
23	10.6	19.0 B	2.0 B	11.1	2.7	1.8	0.72	0.58	0.73	0.97	2.2	2.3	23
24	8.7	6.2 B	2.0 B	6.5	2.5	1.6	1.2	0.64	0.75	0.95	2.8	2.8	24
25	6.0	1.8 B	2.0 B	4.5	2.9	1.6	1.2	0.55	0.98	1.1	2.3	3.0	25
26	7.3	1.5 B	2.0 B	3.7	2.6	1.6	1.4	0.56	1.0	1.1	1.8 B	2.5 B	26
27	297.0	1.6	2.0 B	3.2	2.6	1.2	1.4	3.0	0.9	0.99	1.6 B	2.2	27
28	26.1	19.7	2.0 B	2.9	2.6	1.1	1.0	1.1	1.6	0.89	1.4 B	2.3	28
29	12.3		2.0 B	3.1	3.6	3.0	1.5	0.83	3.3	0.83	1.4 B	2.4	29
30	12.1		11.1	3.1	2.7	2.9	2.1	0.77	1.5	1.1	1.5 B	3.1	30
31	11.6		44.4		2.3		1.1	0.74		1.1		2.8 B	31
TOTAL	440.7	265.62	380.7	457.4	228.5	71.6	193.98	28.01	27.37	33.18	53.86	89.6	TOTAL
MEAN	14.21	9.48	12.26	15.24	7.37	2.38	6.25	0.9	0.91	1.07	1.79	2.89	MEAN
AC-FT	874.12	526.85	755.11	907.25	453.22	142.01	384.75	55.55	54.28	65.81	106.83	177.72	AC-FT
MAX	297.0	171.0	186.0	160.0	61.4	12.4	142.0	3.0	3.3	2.3	8.3	7.1	MAX
MIN	1.0	0.93	2.0	2.9	2.1	1.0	0.71	0.55	0.65	0.83	0.89	1.5	MIN

SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 6.2 CFS
TOTAL DISCHARGE, 4500 AC-FT
MAXIMUM DAILY DISCHARGE, 297 CFS
MINIMUM DAILY DISCHARGE, 0.55 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,
ABOUT 0.5 MILE EAST OF BOWMANVILLE.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 5.4 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

SOPER CREEK TRIBUTARY NEAR BOWMANVILLE - STATION NO. 02HD224

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.4	1.3 B	2.4 B	2.8	2.7	2.8	0.49	0.44	1.0	0.85	1.3	2.5	01
02	2.1 B	1.2 B	2.1 B	2.8 B	2.6	1.6	0.49	0.43	0.87	1.1	1.4	1.5 B	02
03	2.1 B	1.1 B	1.9 B	2.8 B	2.5	1.2	0.59	0.67	0.63	0.89	1.1	1.2 B	03
04	2.3	1.1 B	1.6 B	2.7 B	4.0	1.1	0.76	0.6	0.61	0.67	1.1	1.0 B	04
05	2.0 B	1.0 B	1.4 B	2.6 B	7.5	1.3	0.42	0.3	0.57	0.85	0.9	1.1 B	05
06	1.6 B	0.998	1.4 B	2.6 B	3.8	2.0	0.31	0.37	0.65	0.81	0.86	4.4	06
07	2.3	0.968	1.4 B	4.0	3.4	1.3	0.33	0.42	0.54	0.78	0.88	3.3 B	07
08	3.3	0.936	1.4 B	7.6 B	4.2	1.1	0.43	0.37	0.56	0.82	0.96	1.6 B	08
09	49.3	0.9 B	1.3 B	8.2	2.0	0.99	0.51	0.33	0.45	0.83	0.88	1.2 B	09
10	10.0	0.9 B	1.3 B	6.6 B	1.4	0.9	0.47	0.33	0.5	0.87	3.2	1.0 B	10
11	10.1	0.888	1.3 B	5.6 B	1.8	0.87	1.5	0.76	0.71	0.94	2.4	1.0 B	11
12	6.2 B	0.888	6.3 B	5.1 B	1.9	2.8	0.72	0.62	3.1	0.96	1.3	1.0 B	12
13	3.3 B	0.876	8.7 B	4.7	2.0	1.6	0.6	0.51	1.0	1.1	1.1	1.0 B	13
14	2.1 B	0.868	2.6 B	4.9	1.6	1.2	0.6	0.49	0.93	1.3	0.98	1.4	14
15	1.9 B	0.898	4.9 B	5.3	1.6	1.1	0.5	0.37	0.77	1.0	0.9	12.4	15
16	1.9 B	0.88	11.6 B	5.7	2.0	1.8	0.46	0.46	0.78	0.95	0.95	4.8 B	16
17	1.8 B	1.4	6.9 B	5.9	1.6	2.4	0.45	0.46	0.81	0.9	0.93	2.0 B	17
18	1.8 B	53.0	4.8 B	7.5	1.4	0.93	0.41	0.38	0.98	1.5	0.92	1.2 B	18
19	1.7 B	9.2	126.0	184.0	1.3	1.7	0.77	0.31	4.4	1.1	0.91	1.1 B	19
20	1.5 B	3.9	24.5	14.5	1.3	1.6	1.0	0.31	2.2	1.1	0.9	1.1 B	20
21	1.2 B	14.4	5.8 B	7.5	1.5	1.0	1.5	0.37	1.7	1.1	1.1	1.0 B	21
22	1.2 B	79.8	61.3	5.5	1.3	0.91	0.72	0.49	1.0	0.99	0.91	0.97 B	22
23	1.2 B	416.0	10.1	4.9	1.1	0.81	0.57	0.34	0.94	0.95	0.88	0.92 B	23
24	1.3	463.0	45.2	12.3	1.0	0.74	0.66	1.2	0.96	0.78	0.87	0.9 B	24
25	7.1	20.3	28.1	6.6	0.92	0.62	0.59	0.92	0.94	0.9	0.86	0.88 B	25
26	14.9 B	4.1 B	9.7 B	4.8	1.0	0.59	0.48	0.74	0.92	0.91	0.89	0.9 B	26
27	2.5 B	3.1 B	5.8 B	3.9	1.1	0.57	0.79	0.69	0.87	0.89	2.5	0.95 B	27
28	1.9 B	2.7 B	3.9 B	3.4	0.85	0.62	2.4	0.49	0.86	0.87	1.9	0.96 B	28
29	11.9		5.3	3.0	0.81	0.54	0.71	0.59	0.8	1.0	1.2	0.95	29
30	4.6 B		3.6	2.7	3.1	0.46	0.56	1.1	0.78	0.84	1.4	1.8	30
31	2.0 B		3.1 B		4.1		0.48	0.77		0.76		5.6 B	31
TOTAL	159.7	1086.5	395.7	340.5	67.38	37.15	21.27	16.63	31.83	24.51	36.38	61.63	TOTAL
MEAN	5.15	38.8	12.76	11.35	2.17	1.23	0.68	0.53	1.06	0.95	1.21	1.98	MEAN
AC-FT	316.76	2155.07	784.67	675.38	133.64	73.68	42.18	32.98	63.13	58.53	72.15	122.24	AC-FT
MAX	49.3	463.0	126.0	184.0	7.5	2.8	2.4	1.2	4.4	1.5	3.2	12.4	MAX
MIN	1.2	0.85	1.3	2.6	0.81	0.46	0.31	0.3	0.45	0.76	0.86	0.88	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 6.3 CFS
TOTAL DISCHARGE, 4530 AC-FT
MAXIMUM DAILY DISCHARGE, 463 CFS
MINIMUM DAILY DISCHARGE, 0.30 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,
ABOUT 0.5 MILE EAST OF BOWMANVILLE.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 5.4 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

SOPER CREEK TRIBUTARY NEAR BOWMANVILLE - STATION NO. 02HD224

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.3 B	1.7 B	8.3	44.1	2.7	4.7	5.0	4.3	1.1	0.88	1.3	0.77 B	01
02	1.4 B	1.5 B	5.9 B	13.8	2.6	3.3	3.6	1.5	1.0	0.86	1.1	0.76 B	02
03	1.1 B	1.3 B	10.1 B	8.7	4.0	2.3	3.3	1.0	0.8	0.82	1.3	0.76 B	03
04	1.0 B	1.2 B	12.2	6.3	2.7	1.9	4.0	0.89	0.9	0.78	1.2	0.76 B	04
05	0.93B	1.1 B	30.9	4.6	2.4	1.6	2.3	0.86	0.83	0.8	1.2	0.75 B	05
06	0.91B	1.0 B	33.0	4.0	4.3	1.4	1.7	0.84	0.68	0.86	1.2	0.75 B	06
07	0.92B	1.0 B	9.9 B	3.4	38.8	1.4	1.4	0.75	0.63	2.0	1.1	0.75 B	07
08	0.9 B	1.0 B	6.5 B	2.9	11.6	1.2	1.3	0.86	0.61	1.2	1.0	0.75 B	08
09	0.92B	0.99B	5.6 B	2.6	6.0	1.1	1.1	1.0	0.61	1.5	1.0	0.75 B	09
10	0.94B	1.0 B	4.9 B	2.6	4.4	1.0	0.98	0.91	0.97	2.2	1.2	0.75 B	10
11	0.93B	1.1 B	4.7 B	2.3	6.0	1.0	1.4	0.73	0.87	1.3	1.2	0.74 B	11
12	0.93B	1.2 B	4.5 B	2.0	8.4	0.93	3.5	0.79	0.82	1.2	1.1	0.74 B	12
13	0.94B	1.2 B	28.5 B	2.2	4.4	0.93	1.6	1.3	0.72	1.1	1.1	0.74 B	13
14	0.96B	1.3 B	12.4 B	2.0	4.0	1.7	1.1	2.5	0.66	1.1	1.1	0.74 B	14
15	0.94B	11.4	5.8 B	3.4	4.1	1.1	1.0	2.2	0.66	1.1	1.1	0.74 B	15
16	0.95B	65.8	4.3 B	10.9	28.1	1.3	0.98	1.2	0.68	1.0	1.0	0.73 B	16
17	0.96B	45.0	3.4 B	4.7	132.0	1.4	0.94	0.89	0.81	1.0	1.1	0.73 B	17
18	0.95B	63.5	3.3 B	3.4	17.4	1.1	0.86	0.76	1.1	1.0	1.1	0.73 B	18
19	0.94B	191.0	44.8 B	2.7	15.4	1.2	0.82	0.71	0.89	1.1	1.1	0.73 B	19
20	0.94B	22.8	214.0	2.3	13.6	1.3	0.81	0.7	1.2	1.5	1.0	1.6 B	20
21	0.95B	17.1	202.0	2.1	6.5	1.1	2.9	0.7	1.3	2.6	0.87	0.72 B	21
22	0.95B	193.0	6.4 B	3.3	4.6	4.8	1.2	0.66	1.1	1.7	0.92	0.72 B	22
23	0.94B	11.4 B	11.5 B	4.2	3.7	1.8	0.95	0.62	1.4	1.6	0.95	0.72 B	23
24	0.93B	6.5 B	13.1	2.8	3.2	1.3	1.1	0.55	1.1	1.5	0.92	0.72 B	24
25	0.94B	41.3 B	22.1	15.6	2.9	4.2	0.85	0.58	0.94	1.7	0.95	0.71 B	25
26	3.1 B	37.7	11.7	17.4	2.6	2.2	0.77	0.58	0.97	1.5	1.6	0.71 B	26
27	8.5 B	24.1	21.4	7.2	2.4	1.8	0.93	0.68	1.5	1.2	3.9	0.71 B	27
28	5.2 B	13.1	17.7	4.8	2.1	1.2	0.85	0.8	1.1	1.2	2.2	0.7 B	28
29	3.6 B	10.5	8.5	3.6	1.8	1.2	1.5	1.1	0.91	1.3	1.2 B	0.7 B	29
30	2.6 B		7.4	2.9	1.9	3.3	2.2	0.75	0.88	1.2	0.85 B	0.7 B	30
31	2.0 B		46.4		4.9		2.1	0.68		1.3		0.7 B	31
TOTAL	50.47	770.79	821.2	192.8	349.5	54.76	53.04	32.39	27.74	40.1	36.86	23.58	TOTAL
MEAN	1.62	26.57	26.49	6.42	11.27	1.82	1.71	1.04	0.92	1.29	1.22	0.76	MEAN
AC-FT	100.1	1528.86	1628.85	382.41	593.23	108.61	105.2	64.24	55.02	79.53	73.11	45.77	AC-FT
MAX	8.5	193.0	214.0	44.1	132.0	4.8	5.0	4.3	1.5	2.6	3.9	1.6	MAX
MIN	0.9	0.99	3.3	2.0	1.8	0.93	0.77	0.55	0.61	0.78	0.85	0.7	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 6.7 CFS
TOTAL DISCHARGE, 4870 AC-FT
MAXIMUM DAILY DISCHARGE, 214 CFS
MINIMUM DAILY DISCHARGE, 0.55 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,
ABOUT 0.5 MILE EAST OF BOWMANVILLE.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 5.4 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

SOPER CREEK TRIBUTARY NEAR BOWMANVILLE - STATION NO. 02HD224

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.7 B	0.6 B	88.0	4.0	2.2	1.8	0.94	0.67	0.46	8.3	1.4	83.8	01
02	0.7 B	0.6 B	66.4	4.5	2.3	1.1	0.77	0.28	3.2	8.8	1.5	21.6	02
03	0.65B	0.6 B	89.4	19.2	2.0	0.86	0.74	0.23	2.1	4.2	1.5	8.9	03
04	0.65B	0.6 B	257.0	5.9	1.8	0.71	0.74	0.43	0.73	2.7	1.6	5.9 B	04
05	0.65B	0.6 B	293.0	15.8	1.9	0.68	0.69	0.58	0.6	2.2	1.5	4.4 B	05
06	0.6 B	0.6 B	92.8	5.8	1.8	0.59	1.5	0.91	0.49	2.1	1.5	3.4 B	06
07	0.6 B	0.6 B	65.1	3.7	1.4	0.59	1.7	0.49	0.43	1.7	4.6	2.8 B	07
08	0.6 B	0.6 B	102.0	4.3	1.3	0.55	1.5	0.3	0.41	5.7	28.9	2.7 B	08
09	0.6 B	0.6 B	132.0	3.3	1.9	0.51	0.79	0.32	0.37	20.8	7.6	2.7 B	09
10	0.6 B	0.6 B	56.8	3.3	1.4	0.51	0.47	0.77	0.4	8.0	23.6	2.8 B	10
11	0.6 B	0.6 B	26.5	3.3	1.1	0.44	0.4	3.8	0.34	4.5	20.3	2.8 B	11
12	0.6 B	0.6 B	18.6	3.1	1.1	0.4	0.59	0.68	0.34	3.6	6.8	2.9 B	12
13	0.6 B	10.0 B	202.0	2.9	1.0	0.47	0.55	0.35	0.74	2.9	4.7	2.9 B	13
14	0.6 B	0.85B	15.5	2.5	0.95	0.55	0.33	0.48	1.4	2.7	3.8	16.6	14
15	0.6 B	0.5 B	8.9	2.2	0.92	0.6	0.35	0.33	0.72	2.5	3.9	19.4	15
16	0.6 B	0.5 B	7.1	2.0	0.9	0.59	0.4	0.77	1.5	2.5	9.2	14.3 B	16
17	0.6 B	0.5 B	4.4	1.8	0.92	0.91	0.33	5.6	3.6	2.2	48.1	11.2 B	17
18	0.6 B	0.5 B	2.6	1.7	1.1	2.1	0.32	0.81	1.5	2.0	15.1	9.4 B	18
19	0.6 B	0.5 B	3.5	1.7	0.96	1.8	0.31	0.44	1.2	2.0	8.9	8.4 B	19
20	0.6 B	0.5 B	2.9	1.7	0.85	1.1	0.29	0.48	2.3	2.0	6.4	8.3	20
21	0.6 B	0.5 B	3.5	1.8	0.77	1.5	0.27	0.48	2.5	1.7	6.3	15.7	21
22	0.6 B	0.5 B	3.4	3.9	0.72	0.76	0.25	1.2	1.6	1.7	5.0	13.8	22
23	0.6 B	0.5 B	3.6	14.0	0.69	0.64	0.23	0.62	1.2	1.5	5.7	9.9 B	23
24	0.6 B	12.3	4.4	17.0	0.72	0.59	0.24	0.7	1.1	1.5	10.6	8.4 B	24
25	0.6 B	75.7	6.2	13.7	0.77	2.1	0.27	0.55	10.9	1.8	6.6	28.6	25
26	0.6 B	80.3	6.0	7.4	0.58	1.1	0.2	0.33	8.7	1.6	12.5	13.1 B	26
27	0.6 B	92.5	3.8	4.8	0.53	0.7	0.2	0.32	5.8	1.5	4.9	7.0 B	27
28	0.6 B	113.0	4.8	3.6	0.49	0.59	0.21	0.32	3.2	1.5	4.0 B	4.8 B	28
29	0.6 B		8.3	2.7	0.57	1.1	0.23	0.3	2.5	1.4	3.8 B	4.2 B	29
30	0.6 B		6.7	2.5	0.55	1.2	0.28	0.3	2.2	1.4	4.1	3.9 B	30
31	0.6 B		6.4		0.5		0.27	0.29		1.4		3.6 B	31
TOTAL	18.95	396.35	1591.6	164.1	34.89	27.14	16.36	24.13	62.53	108.4	264.4	348.2	TOTAL
MEAN	0.61	14.15	51.34	5.47	1.12	0.9	0.52	0.77	2.08	3.49	8.81	11.23	MEAN
AC-FT	37.58	786.16	3156.93	325.49	69.2	53.83	32.45	47.86	124.02	215.01	524.43	690.65	AC-FT
MAX	0.7	113.0	293.0	19.2	2.3	2.1	1.7	5.6	10.9	20.8	48.1	83.8	MAX
MIN	0.6	0.5	2.6	1.7	0.49	0.4	0.2	0.23	0.34	1.4	1.4	2.7	MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 8.4 CFS
TOTAL DISCHARGE, 6060 AC-FT
MAXIMUM DAILY DISCHARGE, 293 CFS
MINIMUM DAILY DISCHARGE, 0.20 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,
ABOUT 0.5 MILE EAST OF BOWMANVILLE.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 5.4 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.3 B	3.0 B	1.6 B	169.0	2.6	1.3							01
02	2.9 B	2.8 B	1.5 B	28.5	2.5	1.3							02
03	2.6 B	2.6 B	1.6 B	13.2	2.3	1.2							03
04	2.7 B	2.5 B	1.6 B	11.2	2.2	1.1							04
05	2.7 B	2.4 B	1.6 B	15.9	2.3	1.1							05
06	2.6 B	2.3 B	1.6 B	13.7	3.0	1.1							06
07	2.6 B	2.3 B	1.6 B	102.0	3.3	1.1							07
08	15.0 B	2.2 B	1.6 B	19.6	2.8	1.6							08
09	36.4 B	2.1 B	1.6 B	11.0	8.5	1.4							09
10	9.4 B	2.1 B	1.6 B	9.6	4.5	1.2							10
11	5.2 B	2.0 B	1.6 B	24.5	3.4	1.0							11
12	4.3 B	2.0 B	1.6 B	23.8	3.4	1.0							12
13	3.9 B	2.0 B	1.6 B	14.5	4.2	1.3							13
14	3.8 B	2.0 B	23.1	10.1	19.7	1.2							14
15	3.6 B	1.5 B	49.7	7.5	22.9	1.0							15
16	3.4 B	1.8 B	17.9	6.6	9.3								16
17	3.2 B	1.8 B	12.0	6.0	6.9								17
18	3.1 B	1.8 B	8.9	5.4	5.7								18
19	3.0 B	1.8 B	10.6	6.8	5.9								19
20	2.8 B	2.1 B	14.3	27.6	5.0								20
21	2.7 B	1.9 B	142.0	30.8	8.3								21
22	2.5 B	1.9 B	158.0	10.4	4.4								22
23	2.4 B	1.8 B	211.0	7.2	3.3								23
24	2.3 B	1.7 B	69.7	5.9	2.8								24
25	2.4 B	1.7 B	21.4	4.8	2.4								25
26	9.1 B	1.7 B	11.1	4.2	2.1								26
27	7.6 B	1.6 B	10.9	3.8	1.9								27
28	5.7 B	1.6 B	16.7	3.4	1.7								28
29	4.6 B		59.3	3.0	1.5								29
30	4.0 B		86.9	2.7	1.2								30
31	3.4 B		90.0		1.4								31
TOTAL	163.2	57.4	1034.2	602.7	151.4								TOTAL
MEAN	5.26	2.05	33.36	20.09	4.88								MEAN
AC-FT	323.7	113.85	2051.33	1195.45	300.3								AC-FT
MAX	36.4	3.0	211.0	169.0	22.9								MAX
MIN	2.3	1.6	1.5	2.7	1.2								MIN

SUMMARY FOR THE YEAR 1978

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,
ABOUT 0.5 MILE EAST OF BOWMANVILLE.

TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 5.4 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL.
STATION DISCONTINUED JUNE 1978.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

WILMOT CREEK NEAR LESKARD - STATION NO. 02HD231

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01					3.9	3.6	4.6	4.2	4.8 E	4.0	4.0	3.7	01
02					3.7	3.6	4.3	4.4	4.4 E	3.8	5.6	3.7	02
03					3.7	3.6	4.3	4.5	4.2 E	3.7	4.4	3.8	03
04					3.6	3.6	3.9	4.6	4.1 E	3.7	4.2	3.8	04
05					3.6	3.6	3.8	4.3	3.8 E	3.7	4.0	3.8	05
06					3.7	3.6	3.7	4.1	3.4	3.7	4.0	3.8	06
07					3.6	3.5	3.7	4.3	3.4	3.7	3.9	3.8	07
08					3.7	4.0	3.8	4.4	3.5	3.8	3.9	3.9	08
09					4.6	3.7	3.8	4.9	3.5	3.9	4.0	3.8	09
10					3.9	5.6	3.8	4.7	3.5	3.8	4.0	3.7	10
11					3.7	4.2	3.8	4.4	3.5	3.8	4.3	3.8	11
12					3.7	3.8	4.0	4.2	3.5	3.8	5.8	4.7	12
13					3.6	3.8	3.9	4.3	3.5	3.8	4.8	4.1	13
14				4.5	4.4	3.8	3.8	4.3	3.5	3.9	4.4	3.9	14
15				5.0	4.1	4.0	3.9	4.3	3.5	3.9	4.2	3.9	15
16				4.3	4.0	3.8	3.9	4.3	3.5	4.8	4.1	3.8	16
17				4.3	3.8	4.1	4.0	4.2	3.5	4.8	4.2	3.8	17
18				4.3	4.3	3.8	3.9	4.3	3.5	5.6	4.6	4.1	18
19				3.9	3.9	3.6	3.9	4.3	3.5	6.6	4.3	4.4	19
20				3.9 E	3.7	3.6	3.9	4.7	3.6	4.5	4.1	4.0	20
21				4.0 E	3.7	3.8	3.9	4.5	4.1	4.3	4.1	6.6	21
22				4.7 E	3.8	5.5	3.9	4.3	4.0	4.1	4.2	5.6	22
23				3.9 E	3.7	3.8	4.2	4.3	3.8	4.0	4.5	4.3	23
24				4.1 E	3.7	3.8	4.2	4.3	3.8	4.0	4.2	4.1	24
25				4.1 E	4.3	4.4	4.2	4.3	3.7	4.4	4.1	4.0	25
26				4.0 E	4.1	3.9	4.1	4.4	3.7	4.2	4.2	4.0	26
27				3.9 E	3.9	3.7	4.6	4.5 E	3.8	4.1	4.1	3.9	27
28				5.3	3.9	3.7	4.5	4.5 E	5.7	4.3	3.9	3.9	28
29				4.4	3.9	4.1	4.2	4.4 E	4.8	4.0	3.9	3.8	29
30				4.0	3.7	4.1	4.2	4.8 E	4.0	3.9	3.8	3.8	30
31					3.6		4.3	5.0 E		4.0		3.8	31
TOTAL					119.5	117.7	125.0	137.0	115.1	128.6	127.8	120.1	TOTAL
MEAN					3.85	3.92	4.03	4.41	3.83	4.14	4.26	4.06	MEAN
AC-FT					237.02	233.45	247.93	271.73	228.3	255.07	253.49	250.11	AC-FT
MAX					4.6	5.6	4.6	5.0	5.7	6.6	5.8	6.6	MAX
MIN					3.6	3.5	3.7	4.1	3.4	3.7	3.8	3.7	MIN

SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 6.6 CFS
MINIMUM DAILY DISCHARGE, 3.4 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,
ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.

TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 4.2 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

WILMOT CREEK NEAR LESKARD - STATION NO. 02HD231

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.6	4.9	3.7	5.0	3.4	4.0	3.7	3.7	3.7	3.9	4.3	4.5	01
02	3.8	8.1	3.7	4.7	3.8	4.0	3.7	3.5	3.9	3.9	4.3	4.5	02
03	3.8	5.8	3.7	4.7	3.4	4.0	3.7	3.5	3.8	4.5	4.3	4.5	03
04	3.8	4.8	3.7	6.2	3.8	3.9	3.7	3.5	3.7	4.1	4.3	5.4	04
05	3.8	4.4	3.7	4.8	3.7	3.9	3.7	3.4	4.1	4.0	4.3	4.9	05
06	3.8	4.2	3.7	4.3	3.7	3.9	3.7	4.0	6.8	4.0	4.4	4.5	06
07	3.8	4.0	3.7	4.2	3.6	3.8	3.6	3.7	3.9	4.2	4.7	4.4	07
08	3.9	3.9	3.7	4.1	3.6	3.8	3.6	4.1	3.8	4.0	4.6	4.3	08
09	3.7	3.8	3.9	4.0	4.1	3.8	3.7	4.0	3.7	4.0	4.5	4.1	09
10	3.7	3.8	4.0	4.0	4.0	3.8	3.7	3.6	3.8	4.0	4.6	4.1	10
11	3.7	3.7	4.1	3.9	3.7	3.8	3.7	3.6	4.0	4.0	4.4	4.1	11
12	3.7	3.7	4.3	3.9	4.1	3.9	3.6	3.5	3.9	4.0	4.4	4.1	12
13	3.7	3.7	4.2	3.9	3.9	3.8	3.6	3.5	3.7	4.0	4.4	4.7	13
14	3.8	3.7	3.9	3.9	3.7	3.8	3.6	3.5	3.7	4.0	4.3	4.4	14
15	4.0	3.7	3.9	3.9	3.8	3.7	3.7	3.5	3.7	3.9	4.7	4.1	15
16	3.9	3.7	4.8	3.8	4.5	3.7	3.7	3.5	3.7	4.0	4.5	4.0	16
17	3.9	3.7	9.2	3.8	4.2	3.7	3.7	3.8	3.7	4.0	4.4	4.0	17
18	3.9	3.7	12.6	3.7	3.4	3.7	3.6	3.5	3.7	4.0	4.8	4.0	18
19	3.9	3.7	10.4	3.7	3.8	4.0	3.8	3.5	3.7	5.4	4.5	4.1	19
20	3.8	3.7	10.3	3.7	5.3	3.7	3.7	3.7	3.7	4.4	4.4	4.1	20
21	3.7	3.7	6.1	3.8	4.1	3.8	3.6	3.5	3.7	4.3	4.3	4.1	21
22	3.7	3.6	6.0	3.8	3.9	4.1	3.6	5.5	3.8	4.4	4.6	4.2	22
23	3.7	3.6	5.2	3.8	3.8	3.8	3.6	4.2	3.8	4.5	4.6	4.3	23
24	3.7	3.6	4.8	4.1	3.7	3.8	3.6	3.9	3.9	4.4	4.8	4.3	24
25	3.7	3.6	4.7	4.1	3.7	3.8	3.6	3.8	4.0	4.5	4.6	4.2	25
26	3.7	3.6	6.7	4.0	3.7	4.8	3.5	3.7	3.9	4.4	4.4	4.1	26
27	3.7	3.6	7.2	3.9	3.7	4.0	3.6	3.7	3.9	4.5	4.4	4.1	27
28	3.7	3.7	6.4	3.8	3.7	4.2	3.6	3.6	3.9	4.5	6.4	4.3	28
29	3.7	3.7	6.0	3.8	4.7	3.9	3.5	3.6	3.9	4.4	6.1	4.2	29
30	4.1		5.4	3.9	4.2	3.8	3.5	3.6	3.9	4.4	4.6	4.2	30
31	4.0		5.2		4.1		3.6	3.6		4.4		4.2	31
TOTAL	117.6	117.4	170.9	123.2	122.3	116.7	112.8	115.3	117.4	131.0	137.9	133.0	TOTAL
MEAN	3.79	4.04	5.51	4.1	3.94	3.89	3.63	3.71	3.91	4.22	4.59	4.29	MEAN
AC-FT	232.25	232.86	338.98	244.30	242.58	231.47	223.73	228.69	232.86	259.83	273.52	263.8	AC-FT
MAX	4.1	8.1	12.6	6.2	5.3	4.8	3.8	5.5	6.8	5.4	6.4	5.4	MAX
MIN	3.7	3.6	3.7	3.7	3.6	3.7	3.5	3.4	3.7	3.9	4.3	4.0	MIN

SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 4.1 CFS
TOTAL DISCHARGE, 3010 AC-FT
MAXIMUM DAILY DISCHARGE, 12.6 CFS
MINIMUM DAILY DISCHARGE, 3.4 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,
ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 4.2 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

WILMOT CREEK NEAR LESKARD - STATION NO. 02HD231

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.2	5.0	4.2	4.3	3.9	3.6	4.4	4.5	3.5	3.7	4.4	4.1	01
02	4.2	4.7	4.2	9.1	3.8	5.0	4.2	4.4	3.5	3.8	7.3	4.0	02
03	4.2	4.6	4.2	5.2	4.0	4.5	4.3	4.2	3.5	3.8	4.9	4.0	03
04	4.1	4.5	4.2	5.5	3.8	4.3	4.3	4.0	3.4	3.8	4.6	4.0	04
05	4.1	4.4	4.2	7.9	3.8	4.5	4.3	3.9	3.4	3.8	4.4	4.0	05
06	4.1	4.4	4.2	5.6	3.7	4.3	4.1	3.9	3.5	3.8	4.4	4.0	06
07	4.2	4.3	4.2	5.5	3.8	4.2	4.1	3.9	3.5	3.9	4.3	4.0	07
08	4.1	4.3	4.2	5.1	4.7	4.1	4.1	3.9	3.5	4.0	4.3	4.3	08
09	4.1	4.4	4.2	5.3	4.4	4.0	4.1	3.8	3.4	3.4	4.3	4.2	09
10	4.1	4.4	4.2	6.5	4.2	4.0	4.1	3.8	3.4	3.9	4.2	4.1	10
11	4.1	4.4	4.2	5.0	4.8	4.0	5.3	3.8	3.4	3.9	4.2	5.4	11
12	4.1	4.3	4.2	4.6	4.1	4.0	4.6	3.8	3.4	4.0	4.3	4.4	12
13	4.1	4.3	4.2	4.5	4.0	4.2	4.2	3.8	3.4	4.0	4.2	4.1	13
14	4.1	4.3	4.2	4.5	3.9	4.0	4.1	3.7	3.5	4.3	5.4	4.0	14
15	4.1	4.3	4.2	4.5	3.7	4.2	4.1	3.8	3.4	4.1	4.6	3.9	15
16	4.1	4.3	4.2	4.6	3.0	4.2	4.0	7.9	3.6	4.6	4.4	3.9	16
17	4.1	4.3	4.6	4.8	3.7	4.0	4.0	6.4	3.6	4.4	4.3	3.9	17
18	4.4	4.3	8.9	6.8	5.0	4.3	4.0	4.2	3.6	4.4	4.5	3.9	18
19	4.3	4.3	7.5	4.6	5.4	4.2	3.9	5.7	3.6	4.0	5.4	3.9	19
20	4.2	4.3	7.3	4.3	4.2	4.1	3.9	3.9	3.5	5.9	4.6	3.4	20
21	4.2	4.3	12.7	4.2	4.0	4.0	4.3	3.7	3.5	5.0	4.3	3.4	21
22	4.2	4.3	6.5	4.2	3.9	4.0	4.1	3.6	3.6	5.0	4.3	3.4	22
23	4.2	4.3	6.0	5.0	3.8	4.2	4.0	3.6	3.0	4.9	4.2	3.8	23
24	5.7	4.2	9.5	4.2	3.7	4.2	4.1	3.5	3.7	4.9	4.2	3.8	24
25	5.0	4.2	11.2	4.0	3.8	4.1	7.4	3.6	3.7	5.0	4.2	3.8	25
26	4.4	4.2	6.1	4.0	3.7	4.0	4.6	3.6	3.7	4.9	4.2	3.8	26
27	4.2	4.2	4.8	4.0	3.0	4.0	4.6	3.6	3.7	4.7	4.2	3.8	27
28	4.2	4.2	4.6	4.6	3.6	4.0	6.3	3.6	3.7	3.9	4.1	3.8	28
29	4.2		5.1	4.2	3.6	4.0	4.6	3.5	3.7	3.8	4.1	3.8	29
30	5.6		4.5	4.0	3.6	4.5	4.1	3.5	3.7	4.0	4.1	3.8	30
31	6.7		4.4		3.0		4.0	3.5		4.1		3.8	31
TOTAL	135.6	122.0	170.9	150.6	123.9	124.7	136.2	126.6	106.2	132.8	134.9	124.0	TOTAL
MEAN	4.37	4.35	5.51	5.02	3.99	4.15	4.39	4.08	3.54	4.28	4.49	4.0	MEAN
AC-FT	268.96	241.98	338.98	298.71	245.75	247.34	270.15	251.11	210.64	263.4	267.57	245.95	AC-FT
MAX	6.7	5.0	12.7	9.1	5.4	5.0	7.4	7.9	3.7	5.9	7.3	5.4	MAX
MIN	4.1	4.2	4.2	4.0	3.0	3.6	3.9	3.5	3.4	3.7	4.1	3.8	MIN

SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 4.4 CFS
TOTAL DISCHARGE, 3150 AC-FT
MAXIMUM DAILY DISCHARGE, 12.7 CFS
MINIMUM DAILY DISCHARGE, 3.4 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,
ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 4.2 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.8	4.0	3.7	4.2	4.4	3.9	4.0	4.1	3.7	3.9	5.4 E	4.3	01
02	3.8	4.3	3.8	4.9	4.3	3.8	4.1	3.8	3.6	4.0	4.9 E	4.3	02
03	3.8	4.2	3.7	4.9	4.2	3.8	4.0	3.8	3.6	4.1	4.3 E	4.3	03
04	3.7	4.0 B	4.2	4.6	4.2	3.8	4.1	3.7	4.0	4.1	4.1 E	4.6	04
05	3.7	4.0	4.1	4.6	4.2	3.8	3.9	3.7	3.8	3.9	4.1	4.2	05
06	3.7	4.0	3.9	4.8	4.2	3.8	3.8	3.7	3.7	3.9	4.1	4.2	06
07	3.7	4.0	3.8	5.4	4.1	3.8	3.8	3.7	3.6	3.8	4.1	4.1	07
08	3.8	4.0	3.8	8.8	4.4	3.7	3.8	3.7	3.8	3.8	4.1	4.1	08
09	3.8	4.0	3.8	8.2	4.3	3.7	3.8	3.7	4.0	3.9	4.1	5.2	09
10	3.8	3.9	3.7	5.4	4.2	3.8	5.1	3.7	3.8	4.1	4.7	4.7	10
11	3.8	3.9	3.7	4.9	4.1	4.3	4.2	3.7	3.7	4.1	4.4	4.2	11
12	3.8	3.8	3.7	5.0	4.1	4.0	4.0	3.7	3.7	4.3	4.8	4.0	12
13	3.8	3.8	3.7	5.3	4.1	3.8	3.9	3.7	3.8	4.3	4.4	4.0	13
14	3.9	3.8	3.8	5.7	4.0	3.8	4.0	3.7	3.8	4.5	4.3	4.0	14
15	3.9	3.8	3.7	5.6	4.2	3.8	4.2	3.7	3.8	4.4	4.3	4.0	15
16	3.9	3.8	3.7	5.2	5.6	3.9	4.1	3.7	3.9	4.3 E	4.2	4.0	16
17	3.9	3.8	3.7	5.4	5.1	4.1	3.9	3.6	3.8	4.3 E	4.2	4.1	17
18	3.9	3.8	3.7	5.2	4.3	4.0	3.8	3.5	4.2	4.2 E	4.2	4.1	18
19	3.9	3.8	3.8	4.9	4.2	4.0	3.9	3.9	3.9	4.1 E	4.2	4.1	19
20	3.9	3.8	4.0	8.3	4.0	3.9	5.9	3.8	3.9	4.0 E	6.2	4.1	20
21	4.0	3.8	4.1	6.1	4.0	3.9	4.3	3.6	3.8	5.4 E	4.0	4.1	21
22	4.0	3.8	4.2	5.2	4.2	3.9	4.0	3.6	3.8	6.5 E	4.6	4.1	22
23	4.0	3.8	4.4	5.0	4.1	3.8	3.8	3.6	3.8	4.6 E	4.4	4.0	23
24	4.0	3.8	4.3	5.5	4.0	3.8	3.8	3.6	3.8	4.2 E	4.3	4.0	24
25	4.1	3.8	4.3	5.0	4.2	3.9	3.8	3.5	4.5	4.0 E	4.2	4.0	25
26	4.2	3.8	4.8	4.7	4.4	4.0	3.8	3.5	4.6	3.9 E	4.3	4.0	26
27	4.1	3.8	4.8	4.5	4.0	4.6	3.8	3.5	4.4	3.9 E	4.4	4.0	27
28	4.2	3.7	4.5	4.4	4.0	3.9	3.8	3.6	4.0	3.9 E	4.9	4.0	28
29	4.3		4.3	4.4	3.9	4.0	3.8	3.6	3.9	5.0 E	4.5	4.0	29
30	4.2		4.2	4.3	3.9	4.0	3.8	4.5	4.0	7.8 E	4.4	4.0	30
31	4.1		4.1		3.9		3.8	4.0		6.5 E		3.9	31
TOTAL	121.5	108.8	124.0	160.4	130.8	117.3	124.8	115.2	116.7	137.7	133.9	128.7	TOTAL
MEAN	3.91	3.88	4.0	5.34	4.21	3.91	4.02	3.71	3.89	4.44	4.46	4.15	MEAN
AC-FT	240.99	215.8	245.95	318.15	259.44	232.66	247.54	228.49	231.47	273.12	265.59	255.27	AC-FT
MAX	4.3	4.3	4.8	8.8	5.6	4.6	5.9	4.5	4.6	7.8	6.2	5.2	MAX
MIN	3.7	3.7	3.7	4.2	3.9	3.7	3.8	3.5	3.6	3.8	4.1	3.9	MIN

SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 4.2 CFS
 TOTAL DISCHARGE, 3010 AC-FT
 MAXIMUM DAILY DISCHARGE, 8.8 CFS
 MINIMUM DAILY DISCHARGE, 3.5 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,
 ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 4.2 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED
 NATURAL FLOW

WILMOT CREEK NEAR LESKARD - STATION NO. 02HD231

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.9	4.0 E	4.4	4.6	4.1	3.1	3.3	3.3	3.4	3.4	4.1	3.7	01
02	3.9	4.0 E	4.3	5.6 E	4.2	3.5	3.2	3.3	3.4	3.5	4.1	4.2	02
03	4.0	4.0 E	4.2	5.1	3.9	4.0	3.2	3.3	3.5	3.6	4.1	4.2	03
04	4.2	4.0 E	4.2	4.5 E	3.8	3.4	3.2	3.2	3.5	3.7	4.1	4.1	04
05	4.2	5.0 E	4.2	4.5 E	3.7	3.2	3.3	3.2	3.5	3.6	4.1	4.1	05
06	4.1	4.4 E	4.3	4.6 E	3.6	3.2	6.6	3.2	3.5	3.8	4.1	4.7	06
07	4.0	4.1 E	4.4	5.2 E	3.5	3.2	3.6	3.2	3.8	3.8	4.2 E	4.7	07
08	3.9	4.1 E	4.3	5.4 E	3.6	3.4	3.4	3.1	3.7	3.7	4.0 E	4.3	08
09	3.9	4.1 E	4.3	7.2 E	3.6	3.2	3.4	3.2	3.6	4.2	4.0 E	5.1	09
10	3.9	4.1 E	4.3	8.1 E	3.4	3.1	3.3	3.3	3.6	4.3	4.0 E	6.6	10
11	3.9	4.1 E	4.3	7.5 E	3.3	3.1	3.3	3.3	3.6	4.0	4.0 E	5.2	11
12	3.9	4.1 E	4.3	7.2 E	3.5	3.1	3.2	3.2	3.6	3.9	3.8 E	4.4	12
13	3.9	4.1 E	4.3	7.2 E	3.5	3.9	3.6	3.2	3.8	3.9	3.8 E	4.1	13
14	3.9	4.1 E	4.4	5.5 E	3.4	3.3	3.4	3.2	3.7	4.2	3.6 E	4.6	14
15	3.8	4.1 E	4.7	5.7 E	3.3	3.2	3.3	3.2	3.6	4.0	4.0 E	5.2	15
16	3.8	4.1 E	4.7	5.5 E	3.4	3.2	3.3	3.2	3.6	3.9	3.8 E	4.4	16
17	3.9 E	4.1 E	4.5	5.2	3.3	3.2	3.4	3.2	3.7	3.9	3.9 E	4.3	17
18	3.9	4.0	4.4	5.5	3.3	3.1	3.3	3.2	3.5	3.9	3.6 E	4.3	18
19	3.9 E	4.0	4.5	5.7	3.3	3.1	3.4	3.2	3.5	3.9	4.0 E	3.9	19
20	3.9 E	4.4	4.4	5.5	3.4	3.1	3.3	3.2	5.6	3.9	4.2 E	4.0	20
21	3.9 E	4.2	4.4	5.3	3.3	3.2	3.3	3.2	4.0	3.9	4.0 E	3.3	21
22	4.0 E	4.2	4.3	5.1	3.2	3.1	3.4	3.5	3.6	3.9	3.8 E	3.7	22
23	4.0 E	4.3	4.3	4.8	3.2	3.1	3.5	3.7	3.5	4.1	3.6 E	3.6	23
24	4.0 E	4.2	4.3	4.6	3.2	3.1	3.5	3.3	3.5	4.2	3.8 E	3.9	24
25	4.0 E	4.1	4.2	4.4	3.5	3.8	3.4	3.4	3.4	4.5	3.8 E	3.8	25
26	4.0 E	4.3	4.3	4.4	3.3	3.4	4.3	4.0	3.4	4.2	3.8 E	3.7	26
27	4.0 E	4.9	4.3	4.3	3.5	3.3	3.6	4.2	3.4	4.2	4.0 E	3.7	27
28	4.0 E	4.6	4.3	4.3	3.3	4.9	3.4	3.8	3.4	4.2	4.0 E	3.6	28
29	4.0 E		4.3 E	4.4	3.2	3.4	3.4	3.6	3.4	4.1	3.8 E	3.6	29
30	4.0 E		4.3 E	4.2	3.1	3.3	3.3	3.4	3.4	4.1	3.7	3.9 B	30
31	4.0 E		4.3		3.1		3.3	3.4		4.1		3.8 E	31
TOTAL	122.7	117.7	134.8	161.1	107.0	100.2	108.4	103.9	108.7	122.6	118.3	129.6	TOTAL
MEAN	3.95	4.2	4.34	5.37	3.45	3.34	3.49	3.35	3.62	3.95	3.94	4.18	MEAN
AC-FT	243.37	233.45	267.37	319.54	212.23	198.74	215.01	206.08	215.0	243.17	234.64	257.06	AC-FT
MAX	4.2	5.0	4.7	8.1	4.2	4.9	6.6	4.2	5.6	4.5	4.2	6.0	MAX
MIN	3.8	4.0	4.2	4.2	3.1	3.1	3.2	3.1	3.4	3.4	3.7	3.9	MIN

SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 3.9 CFS
 TOTAL DISCHARGE, 2850 AC-FT
 MAXIMUM DAILY DISCHARGE, 8.1 CFS
 MINIMUM DAILY DISCHARGE, 3.1 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,
 ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 4.2 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED
 NATURAL FLOW

WILMOT CREEK NEAR LESKARD - STATION NO. 02HD231

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.7	3.4	3.7	3.9	4.8	4.0 E	3.7	3.2	3.4	3.9	4.0	3.8	01
02	3.7	3.4	3.8	4.0	3.5	4.2 E	3.5	4.1	3.4	3.8	4.6	3.7	02
03	3.7	3.5	3.7	4.1	3.6	3.8 E	3.6	3.7	3.5	3.7	4.2	3.8	03
04	3.7	3.4	3.7	4.0	4.6	3.7 E	3.6	3.3	3.4	3.7	4.1	3.8	04
05	3.6	3.4	3.7	3.8	4.3	3.5 E	3.5	3.3	3.4	3.6	4.0	3.8	05
06	3.6	3.3	3.7	3.7	4.5	3.5 E	3.4	3.3	3.4	4.2	3.9	5.0	06
07	3.6	3.4	3.8	3.6	4.4	3.4	3.4	4.1	3.4	4.1	4.0	3.9	07
08	3.6	3.4	3.7	3.6	4.1	3.6	3.4	4.1	4.9	3.9	5.8	3.6	08
09	3.7	3.4	3.6	3.7	3.9	3.7	3.4	4.3	3.7	3.8	4.4	3.6	09
10	3.7	3.4	3.6	3.9	3.9	3.5	3.9	3.5	3.5	3.7	4.1	3.6	10
11	3.6	3.4	3.5	5.2	3.6	3.5	3.5	3.4	3.5	3.7	4.0	3.5	11
12	3.5	3.4	3.6	6.4	3.8	3.5	3.3	3.5	3.4	3.7	4.0	3.7	12
13	3.5	3.7	3.5	16.1	3.7	3.5	3.4	3.4	3.5	3.7	3.9	6.2	13
14	3.5	4.0	3.6	11.3	4.4	3.6	3.6	3.4	3.4	3.7	3.9	4.3	14
15	3.4	3.5	3.5	7.6	4.4	3.5	4.8	3.4	3.4	3.7	3.9	4.0	15
16	3.4	3.4	3.8	7.1	4.1	3.5	4.2	3.4	3.4	3.7	3.8	3.8	16
17	3.4	3.4	3.9	10.8	4.1	3.4	3.5	3.4	3.4	3.7	3.8	3.7	17
18	3.4	3.4	3.6	8.4	4.1	3.4	3.5	3.4	3.4	3.7	3.8	3.6	18
19	3.6	3.5	3.4	6.9	3.8	3.5	3.4	3.3	3.4	3.7	3.9	3.6	19
20	3.6	3.7 B	3.4	6.9	3.7	3.5	3.5	3.3	3.4	3.7	3.9	3.6	20
21	3.5	3.8 B	3.4	5.9	3.6	4.0	3.4	3.3	3.4	3.7	3.8	3.5	21
22	3.7	3.6	4.3	6.2	3.5	4.9	3.5	3.3	3.4	4.5	3.7	3.5	22
23	4.0	3.6	4.1	6.0	3.5	6.1	3.7	4.7	3.4	6.7	3.7	3.5	23
24	3.7	3.6	4.1	5.5	3.4	3.6	3.5	3.7	3.7	4.6	3.7	3.5	24
25	3.8	3.6	3.9	5.2	3.4	4.4	3.4	3.6	3.6	4.2	3.8	3.5	25
26	3.6	3.6	3.8	5.0	3.4	4.3	3.4	3.4	4.4	4.1	4.4	3.6	26
27	3.5	3.6	3.8	4.9	3.5 E	4.0	3.3	4.5	3.7	4.0	4.3	3.6	27
28	3.5	3.7	3.7	4.9	3.5 E	3.8	3.3	3.8	3.5	4.2	4.0	3.6	28
29	3.5	3.6	3.8	5.0	3.5 E	3.7	3.2	3.5	4.0	4.9	3.9	3.5	29
30	3.4		3.8	4.9	4.0 E	4.2	3.2	3.4	5.1	4.2	3.7	3.5	30
31	3.4		3.8		4.0 E		3.3	3.4		4.1		5.0	31
TOTAL	111.1	102.1	115.3	178.5	125.0	116.8	109.3	111.4	108.4	124.6	121.0	118.9	TOTAL
MEAN	3.58	3.52	3.71	5.95	4.03	3.89	3.52	3.59	3.61	4.01	4.03	3.83	MEAN
AC-FT	220.36	202.51	228.69	354.05	247.93	231.67	216.79	220.96	215.01	247.14	240.0	235.83	AC-FT
MAX	4.0	4.0	4.3	16.1	5.8	6.1	4.8	4.7	5.1	6.7	5.8	6.2	MAX
MIN	3.4	3.3	3.4	3.6	3.4	3.4	3.2	3.2	3.4	3.6	3.7	3.5	MIN

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 3.9 CFS
 TOTAL DISCHARGE, 2860 AC-FT
 MAXIMUM DAILY DISCHARGE, 16.1 CFS
 MINIMUM DAILY DISCHARGE, 3.2 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,
 ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.

TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 4.2 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

WILMOT CREEK NEAR LESKARD - STATION NO. 02HD231

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.7	3.6	3.4	8.6	4.3	4.2	3.8	4.8	3.8	3.9	7.0	4.8	01
02	3.9	8.8	3.5	6.2	4.6	4.0	3.7	4.1	3.8	4.4	5.8	4.7	02
03	3.7	6.0	4.3	6.0	4.9	3.9	3.6	3.8	3.7	4.7	5.6	4.7	03
04	4.2	4.2	18.0	5.4	4.3	4.0	3.8	3.6	3.7	4.3	5.1	4.7	04
05	3.8	4.0	6.2	5.4	4.2	4.4	3.9	3.5	3.8	4.5	5.0	4.9	05
06	3.5	3.9	16.7	4.8	3.9	4.2	3.6	3.6	3.7	4.3	5.0	4.6	06
07	3.4	3.8	18.8	4.6	3.9	4.5	3.6	3.6	3.7	4.3	5.0	4.4	07
08	3.4	3.8	8.8	4.5	4.7	4.0	3.6	3.6	3.7	4.3	5.2	4.3	08
09	3.4	3.7	5.9	4.4	5.5	3.9	3.5	3.6	3.7	4.2	5.0	4.4	09
10	3.4	3.7	6.0	4.5	4.6	3.7	3.4	3.6	3.7	4.3	4.8	4.4	10
11	3.4	3.6	11.3	4.4	5.2	3.6	3.4	3.6	3.6	4.4	4.8	4.3	11
12	3.4	3.5	7.4	4.3	4.4	3.7	3.4	3.5	3.6	4.4	4.9	4.2	12
13	3.4	3.5	6.0	4.2	4.2	3.5	3.6	3.5	3.6	4.4	4.9	4.3	13
14	3.4	3.5	5.6	4.1	4.1	3.5	3.7	3.5	3.6	4.8	4.9	4.2	14
15	3.5	3.5	6.3	4.1	4.1	3.5	3.4	3.5	3.6	4.6	6.8	4.0	15
16	3.5	3.5	5.8	4.2	4.1	3.6	3.3	3.4	3.6	4.7	5.6	4.0	16
17	3.5	3.5 B	9.5	4.1	4.2	3.5	3.3	3.5	3.7	4.7	5.0	3.9	17
18	3.7	3.4	6.2	4.0	4.0	3.8	3.3	8.2	4.5	4.6	5.0	3.9	18
19	6.1	3.4	5.6	4.0	3.9	3.7	3.3	4.4	3.8	4.9	5.0	3.9	19
20	5.1	3.5	5.3	3.9	3.9	3.5	3.3	4.0	3.8	4.9	4.8	4.1	20
21	4.0	3.5	5.1	3.9	3.9	3.6	3.3	3.8	3.6	4.7	5.1	4.1	21
22	4.4	3.5	5.1	4.6	3.8	3.5	3.3	3.7	4.2	4.6	5.2	4.1	22
23	5.6	3.4	5.2	4.1	3.8	3.5	3.3	3.7	4.5	4.6	4.8	4.1	23
24	4.3	3.4	5.4	3.9	3.8	4.0	4.2	3.7	4.0	4.6	5.2	4.1	24
25	4.0	3.4	5.3	3.9	3.8	3.7	3.4	3.7	3.9	4.6	5.2	4.5	25
26	3.9	3.4	5.0	3.8	4.3	3.6	3.5	3.7	3.8	4.6	4.8	4.9	26
27	3.4	3.4	4.6	4.5	4.1	3.6	3.6	5.1	3.8	4.6	4.8	5.3	27
28	3.8	3.4	4.4	5.8	2.7	6.3	4.5	4.1	3.8	4.7	6.1	4.7	28
29	3.7		4.5	4.7	4.5	4.6	3.9	3.6	3.8	5.4	5.3	4.5	29
30	3.7		5.2	4.2	4.2	3.9	3.5	3.8	3.8	6.9	5.0	4.4	30
31	3.6		5.0		4.7		3.5	4.0		5.5		4.3	31
TOTAL	121.3	107.8	215.4	139.1	133.6	117.0	109.5	122.0	113.9	144.8	156.7	135.7	TOTAL
MEAN	3.91	3.85	6.94	4.63	4.3	3.9	3.53	3.93	3.79	4.67	5.22	4.37	MEAN
AC-FT	240.59	213.82	427.24	275.9	264.99	232.06	217.19	241.98	225.92	287.21	310.81	269.16	AC-FT
MAX	6.1	8.8	18.8	8.6	5.7	6.3	4.5	8.2	4.5	6.9	7.0	5.3	MAX
MIN	3.4	3.4	3.4	3.8	3.6	3.5	3.2	3.4	3.6	3.9	4.8	3.9	MIN

SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 4.4 CFS
 TOTAL DISCHARGE, 3200 AC-FT
 MAXIMUM DAILY DISCHARGE, 18.8 CFS
 MINIMUM DAILY DISCHARGE, 3.2 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,
 ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.

TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 4.2 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.7 B	3.9 B	4.7 B	7.4	4.2	5.0	5.5			3.9	4.4	3.9	01
02	3.9 B	3.9 B	4.5 B	6.0	4.4	4.5	4.7			3.9	4.4	3.8	02
03	3.9 B	3.8 B	4.3 B	5.9	4.7	4.4	4.8			3.9	4.4	3.8	03
04	3.9 B	3.7 B	4.2 B	5.6	4.3	4.3	5.1			3.9	4.4	3.8	04
05	3.7 B	3.6 B	5.6	5.3	4.3	4.2	4.3			4.0	4.3	3.8	05
06	3.8 B	3.6 B	5.6	5.3	4.8	4.2	4.1			4.3	4.3	3.8	06
07	3.8 B	3.6 B	4.7	5.0	6.2	4.4	4.0			4.8	4.3	3.9	07
08	3.9 B	3.7 B	4.2	4.8	4.9	4.3	4.1			4.2	4.2	3.8	08
09	3.9 B	3.6 B	4.1	4.7	4.5	4.3	3.9			4.8	4.1	3.7	09
10	3.9 B	3.8 B	4.1	4.7	4.3	4.2	3.8			4.6	4.2	3.7	10
11	3.9 B	3.7 B	4.0	4.7	4.5	4.3		3.8	4.3	4.1	3.7	11	
12	3.9 B	3.6 B	4.0	4.4	4.5	4.2		3.6	4.3	4.1	3.7	12	
13	3.9 B	3.7 B	4.5	4.5	4.3	4.3		3.5	4.3	4.1	3.6	13	
14	3.9 B	3.7 B	4.2	4.5	4.2	5.7		3.5	4.4	4.2	3.6	14	
15	3.9 B	3.8 B	4.0	5.9	4.2	4.4		3.5	4.3	4.2	3.5	15	
16	3.9 B	4.4	3.9	6.4	6.8	5.0		3.6	4.3	4.2	3.5	16	
17	3.9 B	4.5	3.8	4.8	8.2	4.6		3.7	4.3	4.2	3.5	17	
18	3.9 B	4.7	3.8	4.5	5.4	4.3		3.9	4.4	4.1	3.5	18	
19	3.9 B	5.6	3.9	4.3	5.7	4.8		3.7	4.4	4.1	3.5	19	
20	3.9 B	4.6	8.0	4.2	5.2	4.6		4.4	4.9	4.1	4.0	20	
21	3.9 B	4.7	19.8	4.2	4.7	4.2		4.1	5.2	3.9	3.7	21	
22	3.9 B	5.7	6.9 B	4.7	4.6	6.2		4.5	4.7	3.9	3.6	22	
23	3.8 B	4.8	5.6 B	4.6	4.5	4.6		4.4	4.5	4.0	3.6	23	
24	3.9 B	4.3	7.3	4.3	4.4	4.3		4.0	4.6	4.1	3.6	24	
25	3.9 B	4.3	8.5	5.6	4.5	5.5		3.9	4.6	4.0	3.6	25	
26	4.7	4.6	6.9	5.2	4.6	4.5		4.2	4.5	5.1	3.7	26	
27	4.5	5.3	7.5	4.9	4.4	5.0		4.3	4.4	5.7	3.6	27	
28	4.3	5.4	6.5	4.7	4.3	4.2		4.0	4.4	4.4	3.6	28	
29	4.1	4.8	5.6	4.4	4.3	5.0		3.9	4.4	4.0	3.6	29	
30	4.0		6.0	4.2	4.3	5.7		3.9	4.4	3.8	3.6	30	
31	3.9		8.6		5.8					4.5		3.6	31
TOTAL	122.3	123.4	179.3	149.7	150.0	139.2				136.4	127.3	113.8	TOTAL
MEAN	3.94	4.25	5.78	4.99	4.83	4.64				4.4	4.24	3.67	MEAN
AC-FT	242.58	244.76	355.64	296.92	297.52	276.1				270.54	252.49	225.72	AC-FT
MAX	4.7	5.7	19.8	7.4	8.2	6.2				5.2	5.7	4.0	MAX
MIN	3.7	3.6	3.8	4.2	4.2	4.2				3.9	3.8	3.5	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 19.8 CFS
MINIMUM DAILY DISCHARGE, 3.6 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,
ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 4.2 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

WILMOT CREEK NEAR LESKARD - STATION NO. 02HD231

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.5	3.5	3.7	5.3	4.4	4.5	4.3	4.0	4.2	5.2	4.0	6.3	01
02	3.5	3.5	3.6	5.9	4.0	4.3	4.0	3.7	5.5	4.5	4.0	4.8	02
03	3.5	3.6	3.6	7.6	4.5	4.2	3.9	3.6	4.6	4.3	4.0	4.4	03
04	3.4	3.6	4.5	5.1	4.4	4.0	4.0	3.6	4.2	4.1	4.0	4.2	04
05	3.4	3.6	4.6	6.9	4.6	4.0	3.9	3.9	4.1	4.0	4.0	4.2	05
06	3.3	3.6	4.6	5.0	4.5	4.0	4.4	4.1	4.0	4.0	4.0	4.1	06
07	3.4	3.6	4.1	4.6	4.4	4.0	4.3	3.8	4.1	4.0	5.7	4.1	07
08	3.4	3.7	4.0	4.8	4.5	4.0	4.1	3.7	4.1	5.2	6.0	4.1	08
09	3.4	3.7 B	4.3	4.6	4.6	4.0	3.9	3.7	4.1	6.0	4.5	4.1	09
10	3.4	3.7 B	6.1	4.8	4.3	3.9	3.8	4.9	4.2	4.6	5.9	4.1	10
11	3.3	3.7 B	7.7	4.9	4.0	3.9	3.8	4.2	4.1	4.4	4.8	4.1	11
12	3.3	3.7 B	8.7	4.8	3.9	3.9	4.0	3.9	4.1	4.4	4.4	4.1	12
13	3.3	4.2	22.3	4.7	3.9	3.9	3.9	3.7	4.3	4.3	4.3	4.1	13
14	3.4	3.9	11.1	4.6	3.9	3.9	3.8	3.8	4.0	4.3	4.1	5.6	14
15	3.4	3.7	10.2	4.5	3.9	3.8	3.8	3.6	3.7	4.3	4.1	5.1	15
16	3.4	3.7	9.8	4.4	3.9	3.9	3.8	4.9	4.7	4.4	5.2	4.7	16
17	3.4	3.7	8.2	4.7	3.8	4.1	3.8	4.4	4.3	4.3	6.0	4.5	17
18	3.4	3.7	6.9	4.5	4.1	4.8	3.8	3.8	4.0	4.3	4.9	4.3	18
19	3.4	3.7	6.7	4.5	4.2	4.2	3.7	3.8	3.9	4.2	4.5	4.3	19
20	3.5	3.7	6.6	4.5	4.0	4.1	3.6	3.8	4.7	4.2	4.4	4.3	20
21													
21	3.5	3.6	6.6	4.5	3.8	4.0	3.6	3.8	4.2	4.2	4.4	4.6	21
22	3.4	3.6	6.6	5.5	3.8	3.9	3.6	4.7	4.0	4.2	4.2	4.3	22
23	3.5	3.6	6.3	6.2	3.9	3.9	3.6	3.9	3.9	4.2	4.5	4.2	23
24	3.5	4.1	5.9	5.5	3.9	3.9	3.6	4.2	4.0	4.1	4.7	4.1	24
25	3.6	4.0	5.7	5.2	4.0	4.8	3.6	3.9	5.4	4.1	4.5	5.5	25
26													
26	3.6	3.8	5.6	4.8	3.9	4.1	3.5	3.8	4.9	4.1	4.9	4.5	26
27	3.6	3.8	5.9	4.6	3.9	3.9	3.5	3.8	4.2	4.1	4.1	4.2	27
28	3.7	3.7	6.4	4.6	3.9	4.0	3.5	3.8	4.1	4.1	4.1	4.1	28
29	3.6		8.0	4.4	3.9	5.0	3.6	3.9	4.0	4.1	4.1	4.1	29
30	3.5		7.5	4.4	3.9	4.1	3.6	3.9	4.0	4.0	4.1	4.0	30
31	3.5		6.4		3.9		4.1	3.9		4.0		4.0	31
TOTAL	107.0	104.0	212.2	150.4	127.2	123.1	118.4	122.5	127.6	134.2	136.4	137.1	TOTAL
MEAN	3.45	3.71	6.84	5.01	4.1	4.1	3.81	3.95	4.25	4.32	4.54	4.42	MEAN
AC-FT	212.23	206.28	420.89	298.31	252.3	244.16	234.84	242.97	253.09	266.18	270.54	271.93	AC-FT
MAX	3.7	4.2	22.3	7.6	4.6	5.0	4.4	4.9	5.5	6.0	6.0	6.3	MAX
MIN	3.3	3.5	3.6	4.4	3.8	3.8	3.5	3.6	3.7	4.0	4.0	4.0	MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 4.4 CFS
TOTAL DISCHARGE, 3170 AC-FT
MAXIMUM DAILY DISCHARGE, 22.3 CFS
MINIMUM DAILY DISCHARGE, 3.3 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,
ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 4.2 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

WILMOT CREEK NEAR LESKARD - STATION NO. 02HD231

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DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.3	4.6	4.2	7.9	5.2	4.7	5.3	4.1	3.4	3.9	5.0	4.8	01
02	4.3	4.4	4.2	12.5	4.6	4.5	5.0	4.1	3.4	4.0	4.9	5.0	02
03	4.3	4.2	4.2	9.6	4.6	4.4 E	11.0	4.0	3.9	4.0	5.0	4.9	03
04	4.2	4.0	8.6	22.2	4.6	4.4 E	5.4	4.4	3.5	4.0	5.1	4.8	04
05	4.2	4.0	21.4	7.5	4.5	4.3	4.8	4.1	3.5	4.0	5.1	4.8	05
06	4.2	4.0	12.6	6.1	5.0	4.3	4.6	3.9	3.5	4.0	5.1	4.8	06
07	4.1	4.1	11.8	5.8	4.8	4.3	4.3	3.8	3.5	4.3	4.9	4.8	07
08	4.1	4.1	6.0	5.4	4.6	4.3	4.3	3.8	3.5	4.1	4.9	5.3	08
09	4.0	4.1	5.5	5.3	5.7	4.3	4.4	3.9	3.5	4.1	4.8	5.1	09
10	4.1	4.1	5.1	5.1	4.9	4.4	4.7	3.9	3.5	4.1	4.8	4.8	10
11	4.1	4.1	5.0	5.3	4.7	4.4	4.4	3.8	3.6	4.1	4.8	4.8	11
12	4.1	4.1	4.9	5.6	9.7	4.4	4.4	4.2	3.8	4.2	5.7	4.9	12
13	4.1	4.2	4.5	6.0	5.9	4.4	4.3	4.2	4.0	4.2	5.2	4.9	13
14	4.1	4.1	4.2	6.9	5.2	4.4	4.5	4.0	3.8	5.5	5.6	4.8	14
15	4.1	4.1	4.2	6.4 E	5.9	5.8	4.7	3.9	3.7	4.1	5.2	4.7	15
16	4.1	4.0	4.1	5.3 E	6.2	5.6	4.4	3.9	3.7	4.6	5.1	4.8	16
17	3.9	4.1	4.1	5.1 E	8.6	4.9	4.5	3.9	3.8	4.8	5.2	4.7	17
18	3.9	4.1	4.1	5.0	5.4	5.2	4.5	3.9	3.9	4.8	5.1	4.4	18
19	3.9	4.1	4.1	4.8	5.1	6.7	4.5	3.8	3.8	4.8	5.0	4.4	19
20	4.0	4.1	4.1	4.7	4.9	5.9	4.4	3.8	3.7	4.8	7.4	4.3	20
21	4.7	4.0	4.0	4.6	4.8	5.2	4.2 E	3.8	3.7	4.8	6.5	4.3	21
22	4.4	4.6	4.0	5.9	4.8	4.9	4.4 E	3.8	3.7	4.8	5.3	4.3	22
23	4.5	4.3	4.0	5.7	4.9	4.6	4.4 E	4.0	3.7	4.9	5.2	4.3	23
24	4.2	4.1	4.0	5.3	4.7	4.6	4.1	4.1	3.7	4.8	5.5	4.3	24
25	4.2	4.0	3.9	4.8	4.7	4.7	4.1	4.0	4.0	4.9	5.1	4.3	25
26	4.4	3.9	3.9	4.7	4.8	4.7	4.3	4.0	3.8	4.8	4.9	4.2	26
27	8.7	3.9	3.9	4.6	4.8	4.7	4.2	6.6	3.7	4.8	4.9	4.2	27
28	5.8	4.1	3.9	4.5	4.8	4.6	4.0	5.4	4.5	4.8	4.9	4.2	28
29	5.0		3.8	4.8	5.3	6.2	4.8	3.4	5.0	4.9	4.9	4.2	29
30	4.9		4.0	4.9	4.9	5.8	4.8	3.4	4.1	5.1	4.8	4.3	30
31	4.9		4.9		4.8		4.3	3.4		5.0		4.2	31
TOTAL	137.8	115.5	171.2	192.3	163.4	145.6	146.0	125.3	112.9	140.6	155.9	142.6	TOTAL
MEAN	4.44	4.12	5.52	6.41	5.27	4.85	4.7	4.04	3.76	4.53	5.19	4.6	MEAN
AC-FT	273.32	229.09	339.57	381.42	324.1	288.79	289.59	248.53	223.93	278.88	309.22	282.84	AC-FT
MAX	8.7	4.6	21.4	22.2	9.7	6.7	11.0	6.6	5.0	5.5	7.4	5.3	MAX
MIN	3.9	3.9	3.8	4.5	4.5	4.3	4.0	3.4	3.4	3.9	4.8	4.2	MIN

SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 4.8 CFS
 TOTAL DISCHARGE, 3470 AC-FT
 MAXIMUM DAILY DISCHARGE, 22.2 CFS
 MINIMUM DAILY DISCHARGE, 3.4 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,
 ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 4.2 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED

NATURAL FLOW

WILMOT CREEK NEAR LESKARD - STATION NO. 02HD231

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.3	3.9	4.6	4.1	4.5	3.9	3.2	3.4	3.9	4.0	4.6	4.6	01
02	4.3	3.8	4.6	4.0	4.3	3.4	3.3	3.4	3.7	4.0	4.3	4.0	02
03	4.4	3.8	4.6	4.2	4.2	3.3	3.3	3.6	3.6	3.9	4.3	4.0	03
04	4.5	3.8	4.5	4.1	5.3	3.3	3.3	3.5	3.7	4.0	4.2	3.9	04
05	4.5	3.8	4.5	4.0	5.2	3.4	3.3	3.4	3.7	4.0	4.1	3.9	05
06	4.6	3.8	4.5	4.0	4.4	3.4	3.2	3.4	3.6	4.0	4.1	5.1	06
07	4.7	3.8	4.5	4.1	4.1	3.3	3.3	3.4	3.6	4.0	4.1	4.0	07
08	4.8	3.7	4.5	4.1	4.0	3.3	3.3	3.4	3.7	4.0	4.1	3.8	08
09	5.9	3.7	4.5	4.1	3.9	3.3	3.3	3.4	3.6	4.1	4.0	3.8	09
10	5.5	3.7	4.3	4.0	3.8	3.3	3.4	3.4	3.6	4.3	6.5	3.9	10
11	7.5	3.6	4.3	4.1	3.8	3.3	3.5	3.6	4.3	4.3	4.5	3.8	11
12	5.9	3.6	4.4	4.1	3.8	4.1	3.3	3.4	6.1	4.2	4.2	3.8	12
13	5.5	3.6	4.5	4.3	3.7	3.6	3.3	3.5	3.8	4.4	4.1	3.8	13
14	5.4	3.6	4.3	4.7	3.6	3.5	3.3	3.4	3.7	4.3	4.0	3.9	14
15	5.4	3.6	4.2	5.1	3.9	3.5	3.3	3.4	3.7	4.3	4.0	5.7	15
16	5.4	3.6	4.3	5.4	4.0	3.7	3.3	3.4	3.7	4.2	4.0	4.2	16
17	5.4	3.6	4.6	5.8	3.7	3.4	3.3	3.4	3.7	4.3	3.9	4.0	17
18	5.6	3.8	7.8	6.3	3.6	3.5	3.3	3.3	4.0	4.8	3.4	3.9	18
19	4.2 E	3.7	18.9	18.0	3.6	4.3	4.0	3.3	5.4	4.4	3.9	3.8	19
20	4.2 E	3.6	20.6	6.4	3.5	3.6	5.0	3.3	4.5	4.4	4.0	3.8	20
21	4.0 E	3.6	6.3	5.5	3.6	3.4	3.9	3.4	4.0	4.3	4.2	3.8	21
22	4.1	3.6	13.5	5.0	3.4	3.3	3.5	3.4	3.8	4.3	4.0	3.8	22
23	4.1	4.6	6.3	5.3	3.4	3.5	3.4	3.4	3.8	4.2	3.9	3.7	23
24	4.1	27.5	5.8	6.5	3.3	3.4	3.7	4.2	3.8	4.2	3.9	3.7	24
25	4.4	10.9	5.8	5.1	3.3	3.3	3.5	3.7	3.8	4.2	3.9	3.7	25
26	4.5	5.5	4.4	4.7	3.4	3.3	3.4	3.6	3.8	4.2	3.8	3.8	26
27	4.2	4.8	4.1	4.6	3.4	3.3	3.5	3.4	3.7	4.2	4.7	3.8	27
28	4.1	4.7	4.0	4.5	3.3	3.3	3.5	3.4	3.7	4.2	4.3	3.8	28
29	4.2		4.5	4.4	3.2	3.3	3.4	3.8	3.7	4.2	4.0	3.8	29
30	4.0		4.3	4.3	5.0	3.3	3.4	3.9	3.8	4.1	4.9	4.4	30
31	3.9		4.1		4.3		3.4	3.6		4.1		4.3	31
TOTAL	147.6	139.3	186.1	154.8	120.5	103.8	107.9	108.1	117.5	130.1	126.4	124.3	TOTAL
MEAN	4.76	4.97	6.0	5.16	3.88	3.46	3.48	3.48	3.91	4.19	4.21	4.0	MEAN
AC-FT	292.76	276.3	369.12	307.04	239.01	205.88	214.01	214.41	233.06	258.05	250.71	246.54	AC-FT
MAX	7.5	27.5	20.6	18.0	5.3	4.3	5.8	4.2	6.1	4.8	6.5	5.7	MAX
MIN	3.9	3.6	4.0	4.0	3.2	3.3	3.2	3.3	3.6	3.9	3.8	3.7	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 4.3 CFS
 TOTAL DISCHARGE, 3110 AC-FT
 MAXIMUM DAILY DISCHARGE, 27.5 CFS
 MINIMUM DAILY DISCHARGE, 3.2 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,
 ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 4.2 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.1	4.5	4.3	6.2	5.3	5.0							01
02	4.1	4.5	4.3	6.3	5.3	5.1							02
03	4.0	4.5	4.3	5.3	5.3	5.0							03
04	4.2	4.4	4.4	5.2	5.3	5.0							04
05	4.2	4.4	4.3	5.8	5.3	5.1							05
06	4.2	4.4	4.3	5.9	5.5	5.0							06
07	4.2	4.4	4.3	9.0	5.5	5.2							07
08	5.7	4.4	4.3	6.6	5.4	5.3							08
09	6.0	4.4	4.3	5.8	6.3	5.2							09
10	5.0	4.4	4.3	5.8	5.5	5.2							10
11	4.6	4.4	4.3	7.6	5.3	5.1							11
12	4.6	4.4	4.3	7.3	5.4	5.4							12
13	4.5	4.4	4.3	7.5	5.5	6.0							13
14	4.5	4.4	5.2	6.5	8.4	5.4							14
15	4.4	4.4	5.1	6.0	6.6	5.0							15
16	4.4	4.4	4.7	6.1	5.7								16
17	4.4	4.4	4.5	6.1	5.6								17
18	4.4	4.4	4.5	6.3	6.4								18
19	4.4	4.4	4.4	7.2	5.8								19
20	4.4	4.4	4.4	8.5	6.0								20
21	4.4	4.4	5.5	7.4	6.0								21
22	4.4	4.4	5.3	6.3	5.5								22
23	4.4	4.4	5.0	6.1	5.3								23
24	4.4	4.3	4.9	6.0	5.3								24
25	4.4	4.4	4.7	5.9	5.2								25
26	5.7	4.4	4.7	5.8	5.1								26
27	5.0	4.3	4.7	5.7	5.1								27
28	4.7	4.3	4.7	5.6	5.1								28
29	4.6		4.7	5.5	5.1								29
30	4.5		4.7	5.4	5.0								30
31	4.5		5.0		5.1								31
TOTAL	141.3	123.2	142.7	190.7	173.2								TOTAL
MEAN	4.55	4.4	4.6	6.35	5.58								MEAN
AC-FT	280.26	244.36	283.04	378.25	343.54								AC-FT
MAX	6.0	4.5	5.5	9.0	8.4								MAX
MIN	4.0	4.3	4.3	5.2	5.0								MIN

SUMMARY FOR THE YEAR 1978

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,
ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 4.2 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.
STATION DISCONTINUED JUNE 1978.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1965

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01											9.0	11.0	01
02											8.7	11.0	02
03											8.9	12.2	03
04											8.5	13.2	04
05											8.6	11.4	05
06											8.7	11.0	06
07											9.3	11.2	07
08											11.8	10.5	08
09											10.0	10.7	09
10											9.4	10.8	10
11											9.4	10.5	11
12											9.3	11.2	12
13											12.9	18.9	13
14											10.0	14.1	14
15											9.8	12.1	15
16											20.7	11.3	16
17											25.5	11.0	17
18											12.9	10.9	18
19											11.7	11.0 B	19
20											13.6	10.6 B	20
21											15.1	9.9 B	21
22											13.1	9.5 B	22
23											13.0	10.8 B	23
24											12.1	20.7	24
25											12.0	20.2	25
26											12.5	12.2 B	26
27											24.9	12.1 B	27
28											13.1	11.5	28
29										8.0	11.4	11.2	29
30										8.3	10.8	12.2	30
31										8.8		16.7	31
TOTAL											366.7	381.6	TOTAL
MEAN											12.22	12.3	MEAN
AC-FT											727.34	750.9	AC-FT
MAX											25.5	20.7	MAX
MIN											8.5	9.5	MIN

SUMMARY FOR THE YEAR 1965

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,
ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.5 SQUARE MILES.
REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	14.4	8.5 B	117.0	11.3	10.5	8.5	6.3	5.5	6.3	8.2	8.5	11.7	01
02	11.8	8.4 B	31.4	11.6	10.1	8.4	6.3	6.9	6.1	7.9	12.7	9.1 B	02
03	12.8	8.4 B	24.3	11.3	10.8	8.3	6.2	6.2	6.2	7.4	10.3	8.7 B	03
04	11.5	8.8 B	21.7	11.0	10.7	8.2	6.4	5.8	13.4	8.2	10.4	9.9 B	04
05	11.1	9.2 B	51.7	11.2	10.3	9.0	6.2	5.6	8.4	7.8	9.7	10.2 B	05
06	11.2	9.3 B	18.4	11.3	10.3	8.6	7.0	5.9	7.7	7.4	9.5	14.4	06
07	11.0	8.9 B	13.1 B	13.3	9.9	8.8	6.8	5.7	7.3	7.1	9.5	41.5	07
08	10.2 B	8.6 B	15.8 B	12.3	9.6	8.4	6.0	5.7	6.9	7.1	12.5	25.6	08
09	14.8 B	9.0 B	13.1	12.1	8.9	11.9	5.8	5.6	6.7	7.1	22.9	16.5	09
10	13.1 B	14.4	15.0	12.5	9.0	12.7	5.7	5.7	6.5	8.4	26.3	25.5	10
11	8.1 B	56.1	13.6	12.1	9.0	9.6	5.7	7.7	6.4	7.9	15.7	16.5	11
12	8.4 B	19.8	12.7	11.9	12.6	8.9	5.6	6.8	6.4	7.9	12.3	12.9	12
13	8.7 B	13.8	20.1	12.2	12.5	8.6	5.4	6.2	6.4	7.6	11.2	12.1	13
14	9.9 B	12.2	18.3	12.3	9.6	9.0	5.4	6.2	6.6	7.4	10.8	11.9	14
15	10.2 B	11.4 B	14.5	12.0	9.0	10.9	5.3	6.3	6.8	8.7	10.3	11.7	15
16	9.2 B	11.4 B	13.3	11.6	11.1	10.4	5.2	8.0	6.6	11.3	10.3	11.8	16
17	10.1 B	11.0 B	13.5	11.4	10.5	8.9	5.1	6.8	6.5	8.7	10.2	12.1	17
18	8.4 B	11.0 B	17.7	11.4	10.1	7.5	5.2	6.4	6.4	8.6	10.2	12.0	18
19	7.7 B	11.0 B	20.0	11.6	19.6	7.3	5.4	6.2	6.4	8.7	9.7	10.2 B	19
20	8.5 B	11.0 B	15.6	15.3	12.4	7.3	5.2	6.0	6.3	8.7	9.4	10.2 B	20
21	8.7 B	10.6 B	14.0	14.2	11.7	7.2	5.2	5.9	9.1	8.3	9.6	9.5 B	21
22	8.8 B	10.6 B	19.8	12.3	10.2	7.1	5.0	9.3	10.8	8.3	9.6	9.5 B	22
23	9.0 B	9.7 B	18.1	11.6	9.6	6.9	5.0	8.7	8.6	8.2	9.7	9.5 B	23
24	9.1 B	6.7 B	18.0	12.2	9.5	6.8	5.0	7.1	7.8	8.0	10.7	9.9 B	24
25	9.0 B	5.8	14.2	11.4	9.2	6.6	5.2	7.1	7.1	8.0	19.2	9.1 B	25
26	8.9 B	6.1	12.8	10.7	8.8	6.7	5.3	7.2	6.9	8.0	12.6	9.5 B	26
27	9.3	6.6	11.4 B	10.6	8.6	6.5	5.5	6.6	6.9	8.2	11.2	9.5 B	27
28	9.3	9.4	11.4 B	11.4	8.5	6.5	6.3	6.5	6.9	8.2	27.6	9.3 B	28
29	9.1	11.0 B	11.4	11.4	8.5	6.4	5.9	6.4	9.8	8.1	23.3	9.6 B	29
30	8.8	12.2	10.9	10.9	8.6	6.4	5.6	6.7	10.7	8.0	13.0	9.7	30
31	8.6 B	11.4	8.5	5.5	6.8	8.3	9.8	31					
TOTAL	309.7	327.7	635.1	356.4	318.2	248.3	175.7	203.5	224.9	251.7	394.9	399.4	TOTAL
MEAN	9.99	11.7	20.48	11.88	10.26	8.27	5.66	6.56	7.49	8.11	13.16	12.88	MEAN
AC-FT	614.28	649.99	1259.72	706.91	631.14	492.5	348.5	403.64	446.08	499.24	783.28	792.2	AC-FT
MAX	14.8	56.1	117.0	15.3	19.6	12.7	7.0	9.3	13.4	11.3	27.6	41.5	MAX
MIN	7.7	5.8	11.0	10.6	8.5	6.4	5.0	5.5	6.1	7.1	8.5	8.7	MIN

SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, 10.5 CFS
 TOTAL DISCHARGE, 7630 AC-FT
 MAXIMUM DAILY DISCHARGE, 117.0 CFS
 MINIMUM DAILY DISCHARGE, 5.0 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,
 ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 10.5 SQUARE MILES.
 REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED
 NATURAL FLOW

WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	10.0	12.0 B	9.9 B	29.7	11.4	9.9 E	13.2	9.2	8.5 E	10.3	10.9	10.3 B	01
02	10.1	12.1	10.2 B	30.0	15.5	9.9 E	13.7	9.2	8.6	9.8	23.3	10.4 B	02
03	10.1	12.2 B	9.8 B	37.0	15.7	9.5 E	12.5	10.2 E	8.4	9.8	15.3	10.8 B	03
04	10.2	12.4 B	9.7	17.3	12.6	9.5 E	10.4	10.7	8.1	9.7	13.8	10.9	04
05	10.2	11.9 B	9.7	18.4	12.1	9.5 E	9.8	9.3	8.0	9.5	12.5	11.2	05
06	9.9 B	11.4 B	9.7	23.2	11.7	9.5 E	9.4	8.8	7.9	9.2	11.3	11.3	06
07	11.4 B	11.5 B	9.7	17.2	12.8	9.5 E	9.1	8.9	7.8	9.1	11.5	11.5	07
08	10.1	11.5 B	9.8 B	15.8	17.7	11.8 E	9.1	9.3	8.0	9.2	11.2	12.9	08
09	10.1	11.4 B	9.7 B	16.1	14.3	11.1	9.6	12.1	8.2	9.9	11.7	12.2	09
10	10.2	11.4 B	10.1	21.5	12.9	17.3 E	9.3	13.0	8.1	9.4	11.4	11.5	10
11	10.1 B	11.3 B	19.0	14.8	14.2	19.4 E	9.1	9.6	7.9	9.2	13.2	12.7	11
12	11.1 B	11.0 B	23.3	13.9	14.3	15.4 E	9.8	9.1	8.0	9.1	21.4	27.2	12
13	10.3	10.9 B	15.9	14.0	12.1	10.4	9.2	8.8	7.9	9.0	16.4	17.2	13
14	10.3	10.9 B	18.9	17.1	11.3	9.7	8.8	8.8	8.0	9.8	12.9	14.1	14
15	10.2	10.8 B	19.6	21.3	11.8	11.4	8.8	8.7	7.8	9.6	12.1	13.4	15
16	10.0 B	12.5 B	13.5 B	16.6	11.1	10.3	8.7	8.5 E	7.8	15.5	11.8 B	13.2	16
17	10.2 B	10.7 B	12.2 B	16.4	10.7	12.8	8.7 E	8.5 E	7.8 E	14.6	12.6	13.4	17
18	10.2 B	10.0 B	11.4 B	16.6	10.7	11.4	8.7 E	9.0	7.8	20.5	16.7	17.0	18
19	10.2 B	10.0 B	11.0 B	14.3	16.7	9.5	8.8	9.1	7.9	27.6	14.2	20.0	19
20	10.2 B	9.9 B	11.4 B	13.6	12.9	9.1	8.7	10.1	8.0	13.3	12.3	15.0	20
21	10.2 B	9.9 B	11.4 B	13.5	11.7	9.6	8.6	9.0	11.8	12.1	11.9	37.9	21
22	10.2	9.9 B	11.0	25.4	12.2	24.3	8.4	8.9	10.6	11.3	12.7	28.9	22
23	13.5	10.1	10.8	15.1	11.5	11.4	9.8	8.5 E	9.0	11.0	15.7	16.3	23
24	18.1	10.0 B	11.4	13.9	10.9	10.8	9.7	8.6	9.5	10.8	12.9	14.7	24
25	45.3	9.3 B	11.8	13.2	10.6	13.6	9.1	8.6	8.9	13.5	12.3	14.8	25
26	17.3	9.3 B	29.4	12.7	10.3	10.7	8.5	8.8	8.7	12.8	13.1	13.9 B	26
27	13.9 B	9.5 B	53.6	12.4	10.2	9.9	9.7 E	9.3	8.9	11.9	11.7	13.0 B	27
28	13.5 B	9.6 B	38.2	12.0	9.9 E	9.6	11.3	9.7	23.4	13.5	10.7	12.1 B	28
29	12.9 B	41.0	11.8	11.8	9.9 E	11.2	9.0	9.0	17.0	11.5	10.4	10.1 B	29
30	11.6 B	29.7	11.4	11.4	9.9 E	12.8	8.8	9.3	11.0	11.0	10.3	10.0 B	30
31	11.8 B	30.1	9.9 E	9.9	9.7	11.3	11.2 B	31					
TOTAL	383.4	303.4	532.9	526.2	379.5	350.8	298.2	290.3	279.3	364.8	398.2	459.1	TOTAL
MEAN	12.36	10.83	17.19	17.54	12.24	11.69	9.61	9.36	9.31	11.76	13.27	14.8	MEAN
AC-FT	760.47	601.79	1057.0	1043.71	752.73	695.81	591.47	575.81	553.99	723.58	789.82	910.62	AC-FT
MAX	45.3	12.5	53.6	37.0	17.7	24.3	13.7	13.0	23.4	27.6	23.3	37.9	MAX
MIN	9.9	9.3	9.7	11.4	9.9	9.1	8.4	8.5	7.8	9.0	10.3	10.0	MIN

SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, 12.5 CFS
 TOTAL DISCHARGE, 9060 AC-FT
 MAXIMUM DAILY DISCHARGE, 53.6 CFS
 MINIMUM DAILY DISCHARGE, 7.8 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,
 ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 10.5 SQUARE MILES.
 REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED
 NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	10.7	18.9	9.7	18.3	11.7	11.1	9.3	8.7	7.7	8.0	9.7	13.0	01
02	10.9	56.5	9.8	16.2	11.8	10.9	8.5	7.3	8.7	8.0	9.7	13.4	02
03	10.7	29.1	9.4 B	15.9	12.0	10.8	8.7	7.1	8.4	14.3	9.7	13.8	03
04	10.2	17.2 B	9.5 B	29.1	11.7	10.2	8.3	7.0	7.7	10.1	9.7	20.9	04
05	9.8	14.6 B	9.5 B	18.1	11.4	9.9	8.5	6.6	9.2	9.6	9.7	17.0	05
06	9.2	13.4 B	9.5	15.4	10.7	9.7	8.3	10.9	31.6	9.4	9.8	13.5	06
07	8.6	12.7 B	9.5	15.0	10.2	10.0	8.0	8.6	11.0	10.7	13.3	12.6	07
08	8.4	12.2 B	10.0	14.8	9.8	10.1	8.0	9.8	9.6	9.9	13.1	11.3 B	08
09	8.0	11.9 B	11.2	14.6	13.1	9.9	8.2	11.4	9.5	9.4	12.2	10.5 B	09
10	7.7	11.6 B	14.7	13.9	13.0	9.7 E	8.5	8.7	9.3	9.4	12.5	10.2 B	10
11	7.5	11.2 B	18.0	13.7	10.8	10.1	8.0	8.2	10.7	9.3	11.3	10.9 B	11
12	7.1	10.8 B	16.4	13.4	13.9	10.5	7.8	8.2	9.8	9.2	10.7	11.8 B	12
13	6.8	10.4 B	14.4	13.0	12.7	10.1	7.5	8.2	8.7	9.1	10.7	16.1	13
14	6.7	10.0 B	15.4 B	12.8	10.8	9.5	7.5	7.8	8.4	9.2	10.3	13.1 B	14
15	6.5	9.6 B	11.2	12.6	12.0	9.7	7.4	7.6	8.4	9.5	14.0	10.9 B	15
16	6.5	9.6 B	29.6	11.9	17.1	9.5	7.6	8.2	8.4	9.6	12.5	9.6 B	16
17	8.2	9.2 B	55.6	11.8	15.3	9.4	7.5	10.0	8.2	9.6	11.2	9.8 B	17
18	7.7	7.8 B	67.2	11.5	12.4	9.4	7.4	8.3 E	8.2	10.0	14.3	10.0 B	18
19	8.2	7.1 B	52.0	11.3	12.5	11.2	8.2	8.3	8.1	19.3	12.7	10.2 B	19
20	8.4	6.7 B	46.4	11.2	23.8	9.8	7.8	10.2	7.9	12.1	11.5	10.4	20
21	8.7	9.1 B	35.2	11.2	13.8	9.7	7.8	8.3	8.1	11.0	11.4	10.5	21
22	8.8	9.7	23.3	11.0	12.8	12.3	7.6	20.1	8.1	10.7	13.7	10.7	22
23	9.1	9.5 B	21.2	10.9	11.4	10.2	7.4	13.0	8.1 E	10.5	13.8	12.1	23
24	8.9 B	9.3 B	17.0	12.6	11.0	9.8	7.7	10.1	8.5	10.3	16.2	11.1 B	24
25	8.5 B	9.4 B	17.5 B	12.5	10.6	10.0	7.5	9.1	8.8	10.3	13.4	10.8 B	25
26	8.3 B	9.5	31.0	12.2	10.4	17.8	7.1	8.9	8.3	10.3	11.8	11.2 B	26
27	8.8 B	9.8	31.6	11.6	10.0	11.8	7.5	8.6 E	8.4	10.3	12.1	11.4 B	27
28	9.4 B	9.8	28.1	10.5	10.1	12.6	7.4	8.3 E	8.4	10.1	23.9	11.6 B	28
29	10.5 B	9.6	25.0	10.1	18.1	10.9	7.1	8.0 E	8.4	9.8	25.6	11.6 B	29
30	15.4		20.5	11.0	13.3	10.1	7.1	7.8	8.4	9.6	13.8	11.4 B	30
31	12.9		19.3		11.7		7.5	7.7		9.6		11.2 B	31
TOTAL	277.1	376.2	698.7	408.1	389.9	316.7	242.7	281.0	283.0	318.2	384.3	372.6	TOTAL
MEAN	8.93	12.97	22.53	13.6	12.57	10.55	7.82	9.06	9.43	10.26	12.81	12.01	MEAN
AC-FT	549.62	746.19	1385.87	809.46	773.36	628.17	481.39	557.36	561.33	631.14	762.25	739.05	AC-FT
MAX	15.4	56.5	67.2	29.1	23.8	17.8	9.3	20.1	31.6	19.3	25.6	20.9	MAX
MIN	6.5	6.7	9.4	10.1	9.8	9.4	7.1	6.6	7.7	8.0	9.7	9.6	MIN

SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 11.9 CFS
TOTAL DISCHARGE, 8630 AC-FT
MAXIMUM DAILY DISCHARGE, 67.2 CFS
MINIMUM DAILY DISCHARGE, 6.5 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,
ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.5 SQUARE MILES.
REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	11.1 B	18.8	9.8	13.2 B	11.7	9.7	10.6	12.6	10.3	9.3	11.6	12.0	01
02	11.2 B	15.0	9.8	45.0	11.6	18.4	9.0	12.7	10.2	9.9	29.6	13.6 B	02
03	11.2 B	14.0	9.9	17.7	12.3	16.1	9.6	11.6	10.1	9.9	16.3	12.4 B	03
04	11.3	12.2 B	9.8 B	19.7	11.2	12.8	9.4	9.5	9.9	9.8	14.1	12.5 B	04
05	11.4	11.4 B	9.6 B	30.4	10.9	12.8	9.9	9.2	10.3	9.6	12.8	12.1 B	05
06	11.5 B	10.7 B	9.6 B	20.0	10.7	12.1	9.0	9.0	10.5	9.6	12.6	12.0 B	06
07	11.4 B	10.2 B	9.4 B	19.6	10.8	11.1	8.5	8.8	10.4	10.2	12.7	12.3	07
08	11.3 B	10.0 B	9.3 B	18.0	18.1	10.2	8.4	9.0	9.7	10.6	12.2	14.5	08
09	11.3 B	10.0 B	9.4	18.4	15.3	9.9	8.3	8.7	9.2	10.1	12.0	13.3	09
10	11.3 B	10.1 B	9.1 B	26.2	14.1	9.4	8.6	8.6	9.2	9.9	11.9	13.0	10
11	11.1 B	10.2 B	8.6 B	17.1	18.9	9.2	12.5	8.3	9.3	9.9	12.1	23.8	11
12	10.7 B	10.2 B	8.7 B	15.4	13.4	9.1	13.2	8.0	9.2	9.6	12.9	16.2	12
13	10.4 B	10.0 B	8.8	15.0	13.2	11.0	10.0	7.9	9.0	9.7	12.6	14.3	13
14	10.2 B	10.0 B	8.8	14.9	12.3	9.3	9.2	7.9	8.9	11.4	18.8	13.8	14
15	10.0 B	9.9 B	9.3	15.0	11.3	9.7	8.9	7.7	9.0	10.5	14.4	13.2	15
16	9.9 B	9.8 B	9.9	15.8	10.9	10.1	8.5	31.5	9.4	12.6	12.7	13.0 B	16
17	9.8 B	9.7 B	22.4	17.2	11.1	9.2	8.4	31.6	9.7	11.4	12.5	12.9 B	17
18	14.0	9.4 B	51.4	30.7	18.5	10.7	8.1	14.7	9.2	10.2	13.7	12.9	18
19	13.1	8.9 B	34.6	17.6	26.3	10.3	7.8	28.4	9.1	11.1	18.0	13.0	19
20	11.4	9.1	25.3	14.3	14.2	9.6	7.7	13.3	9.0	20.1	14.0	12.6 B	20
21	10.9	9.5	51.5	13.7	12.4	9.1	8.3	11.8	9.1	13.0	12.3	12.9 B	21
22	10.8	9.7	23.0	14.0	11.8	9.0	8.6	11.1	9.0	11.8	11.7	12.6 B	22
23	11.7	9.7	23.9	19.8	11.4	10.0	8.0	11.0	9.2	11.2	12.4	12.3 B	23
24	46.8	9.9	38.7	15.0	11.0	10.1	8.3	10.6	9.8	11.9	12.1	13.2 B	24
25	28.1 B	9.9	46.6	13.2	11.4	9.5	20.6	10.7	9.5	12.1	12.1	14.6 B	25
26	14.7 B	9.9	22.8	12.7	10.9	8.9	14.1	10.7	9.4	11.3	12.4	14.0 B	26
27	12.7 B	9.9	16.0 B	12.5	10.3	8.7	13.3	10.4	9.5	11.5	12.1	13.5 B	27
28	12.5 B	9.8	15.5 B	14.8	10.7	8.4	27.2	10.4	9.3	11.2	11.6	13.0 B	28
29	12.6 B		18.7	13.7	10.8	8.5	15.8	10.4	9.4	11.1	12.0	12.6 B	29
30	37.6		14.6	12.2	9.9	10.1	11.7	10.5	9.2	11.0	12.0	12.0 B	30
31	38.2		13.6 B		9.5		10.6	10.4		10.9		11.8 B	31
TOTAL	460.2	297.9	568.4	542.8	396.9	313.0	332.1	377.0	285.0	342.4	408.2	415.9	TOTAL
MEAN	14.84	10.63	18.33	18.09	12.8	10.43	10.71	12.16	9.5	11.04	13.6	13.41	MEAN
AC-FT	912.8	590.88	1127.42	1076.64	787.25	620.83	658.72	747.77	565.29	679.15	809.66	824.93	AC-FT
MAX	46.8	18.8	51.5	45.0	26.3	18.4	27.2	31.6	10.5	20.1	29.6	23.8	MAX
MIN	9.8	8.9	8.6	12.2	9.5	8.4	7.7	7.7	8.9	9.3	11.6	11.8	MIN

SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 13.0 CFS
TOTAL DISCHARGE, 9400 AC-FT
MAXIMUM DAILY DISCHARGE, 51.5 CFS
MINIMUM DAILY DISCHARGE, 7.7 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,
ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.5 SQUARE MILES.
REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	11.6 B	9.6	8.3	14.1	13.9	9.8	8.0	11.9	9.3	9.6	19.4	13.4	01
02	11.4 B	9.7	8.3	20.0	12.8	9.7	8.6	9.5	9.0	9.9	14.9	13.2	02
03	11.2 B	11.5 B	8.3	18.2	12.3	9.5	8.3	9.3	9.3	10.6	13.3	12.9	03
04	10.9 B	10.3 B	11.5	16.2	12.2	9.1	8.4	8.9	10.6	10.3	12.8	16.0	04
05	10.8 B	10.4 B	12.9	15.8	12.1	8.8	7.9	8.9	9.6	9.8	12.6	13.2	05
06	10.7 B	9.5 B	10.9	17.0	11.8	8.7	7.2	8.6	9.1	9.6	12.4	12.9	06
07	10.7 B	9.1	10.4	21.6	11.5	8.8	6.7	8.4	8.7	9.7	12.3	14.1 B	07
08	10.6 B	9.0	9.9 B	29.3	13.6	8.8	6.9	8.3	9.5	9.7	12.2	13.0 B	08
09	10.8 B	8.9	10.5 B	29.7	12.6	8.5	7.5	8.1	10.1	9.7	12.1	18.8	09
10	9.3 B	9.1	10.1 B	17.7	11.8	8.6	17.2	8.0	9.4	10.0	16.4	15.7	10
11	9.4 B	9.0 B	9.5 B	15.4	11.2	11.5	12.3	8.0	8.9	10.0	15.3	12.8	11
12	9.7 B	8.9 B	9.3	16.0	10.8	10.0	10.6	8.1	8.6	11.5	16.0	11.5 B	12
13	9.9 B	8.1 B	9.3	17.6	11.0	8.9	9.7	7.9	8.9	11.9	13.8	12.2	13
14	10.0 B	8.0 B	9.3	20.5	10.5	8.7	10.4	7.9	9.0	13.0	12.8	12.2	14
15	10.3 B	7.9 B	9.2	19.4	11.8	9.0	12.2	7.9	9.0	11.7	12.8	12.2	15
16	11.3 B	7.8 B	9.2	17.7	22.3	9.1	11.2	8.2	9.9	10.9	12.3	12.2	16
17	10.9 B	8.1 B	9.4	18.8	18.1	10.2	10.2	8.0	9.0	10.7	12.5	12.0 B	17
18	10.8 B	8.6	10.1	17.8	12.8	9.8	9.7	8.0	10.9	10.7	12.4	12.1 B	18
19	10.3 B	8.6	11.3	16.1	11.6	9.1	9.9	9.8	9.8	10.6	12.3	12.3 B	19
20	9.8 B	8.7 B	13.0	34.2	10.6	9.1	21.3	9.3	9.2	10.8	23.6	12.3 B	20
21	8.9 B	8.7 B	14.1	23.3	10.0	8.8	13.8	8.6	8.8	15.4	16.3	11.9 B	21
22	9.1 B	8.8 B	15.2	18.5	11.3	8.5	11.2	8.5	8.8	18.6	15.2	11.5 B	22
23	8.3 B	8.6	16.5	17.1	10.8	8.3	10.5	8.5	8.8	13.1	13.7	11.2 B	23
24	6.8 B	8.7	15.6	20.2	10.1	8.3	10.2	8.3	8.8	12.3	12.7	11.0 B	24
25	6.7 B	8.6 B	16.3	17.8	10.7	8.4	10.1	8.2	11.1	12.1	12.6	10.7 B	25
26	7.3 B	8.4 B	20.2	14.9	12.8	8.8	10.0	8.3	11.2	11.9	13.2	10.5 B	26
27	7.7 B	8.3 B	18.5	13.7	10.7	14.2	9.9	8.1	11.9	11.8	14.3	10.2 B	27
28	8.2 B	8.3 B	15.1	12.8	10.3	9.1	9.8	8.3	10.0	11.7	18.7	9.7 B	28
29	9.4	12.7 B	12.8	12.8	9.9	9.1	9.6	8.2	9.7	11.7	14.8	8.1 B	29
30	10.0 B	15.6	12.5	12.5	9.7	8.0	9.1	11.6	10.0	15.7	14.3	8.0 B	30
31	8.9 B	13.3	9.6	9.6	9.0	12.0	26.0	8.7 B	31				
TOTAL	301.7	249.2	373.8	556.7	371.1	277.2	317.4	271.6	286.9	371.0	428.0	376.5	TOTAL
MEAN	9.73	8.9	12.05	18.55	11.97	9.24	10.23	8.76	9.56	11.96	14.26	12.14	MEAN
AC-FT	598.42	494.28	741.43	1104.21	736.07	549.82	629.56	538.71	569.06	735.87	848.93	746.78	AC-FT
MAX	11.6	11.5	20.2	34.2	22.3	14.2	21.3	12.0	11.9	26.0	23.6	18.8	MAX
MIN	6.7	7.8	8.3	12.5	9.6	8.0	6.7	7.9	8.6	9.6	12.1	8.0	MIN

SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 11.5 CFS
TOTAL DISCHARGE, 8290 AC-FT
MAXIMUM DAILY DISCHARGE, 34.2 CFS
MINIMUM DAILY DISCHARGE, 6.7 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,
ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 10.5 SQUARE MILES.

REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	8.3 B	10.6 B	13.3	12.8	15.2	10.3	9.4	8.2	8.5	9.6	10.2	10.5	01
02	8.4 B	10.5 B	12.7	25.7	15.8	12.4	8.9	8.0	8.5	9.6	10.3	10.5	02
03	7.8 B	10.4 B	12.3	18.7	14.7	16.3	8.7	8.0	8.6	9.5	10.1	10.8	03
04	8.3 B	10.4 B	11.1 B	15.4	13.9	12.3	8.6	7.8	8.7	9.8	10.0	10.8	04
05	8.6 B	13.0 B	13.8	15.3	13.5	11.3	9.1	7.7	8.8	9.5	10.1	10.4	05
06	8.2 B	12.5 B	12.2	17.2	13.3	11.2	26.5	7.5	8.6	9.9	10.4	14.0	06
07	8.3 B	11.9 B	12.4	20.9	12.9	11.0	11.4	7.4	9.8	9.8	11.0	14.6	07
08	8.1 B	11.4 B	11.9 B	21.1	13.3	12.2	10.2	7.4	8.8	9.6	10.2	12.8	08
09	7.8 B	10.1 B	11.7 B	28.7	13.7	11.2	9.6	7.5	8.4	11.8	10.2	17.6	09
10	8.2	10.4 B	11.7 B	32.2	12.7	10.4	9.2	8.0	8.1	13.3	11.4	20.2	10
11	7.9 B	10.5 B	11.7 B	25.4	12.3	10.2	9.0	8.2	8.3	11.0	11.1	16.0	11
12	8.5 B	10.7 B	11.7 B	25.7	13.3	10.1	8.8	7.7	8.4	10.6	11.1	13.0	12
13	10.0 B	10.5 B	11.7	33.9	12.7	15.9	10.2	7.7	9.0	10.4	11.2	12.2	13
14	10.8	10.5 B	11.8	23.8	11.9	11.7	9.6	7.9	8.7	12.1	10.7	11.8	14
15	9.6 B	10.7 B	14.6	20.2	11.6	10.6	9.0	7.8	8.5	10.8	13.0	19.0	15
16	9.3 B	10.0 B	15.7	21.3	12.1	10.4	8.8	7.6	8.4	10.3	11.2	15.7	16
17	11.2 B	10.0 B	13.4	21.4	11.8	10.1	9.5	7.5	8.7	10.0	10.9	13.0	17
18	11.0 B	10.2 B	12.7	22.8	11.4	9.8	8.6	7.5	8.4	9.9	10.8	11.1	18
19	10.6 B	10.5	13.0	23.8	11.4	9.3	8.8	7.4	8.4	9.7	11.8	11.7	19
20	10.3 B	13.2	12.9	22.4	12.3	9.0	8.7	7.5	18.4	9.5	12.1	12.8	20
21	9.9 B	13.3	12.4	21.3	11.5	9.1	8.4	7.5	12.7	9.5	12.5	12.3	21
22	9.6 B	12.1	12.2	20.3	11.2	8.7	8.6	8.0	10.5	9.5	11.0	10.9	22
23	9.4 B	13.6	12.1	18.5	11.0	8.6	9.2	10.1	10.2	10.1	10.0	11.4	23
24	9.3 B	12.2	11.6 B	17.4	11.1	8.8	9.2	8.2	9.9	10.2	10.2	13.4	24
25	9.2 B	11.9	11.9 B	16.7	12.7	12.1	8.9	8.3	9.7	13.4	10.6	11.9	25
26	9.4 B	12.7	11.3 B	16.5	12.1	10.3	11.8	11.0	9.7	11.6	10.8	11.8	26
27	9.2 B	18.8	11.2	16.0	13.2	9.9	9.8	13.0	9.8	11.1	12.3	11.5	27
28	9.4 B	15.9	11.3	16.2	11.8	18.0	8.6	10.9	10.0	10.7	12.7	12.0	28
29	9.6 B	11.2	16.8	11.0	10.9	10.9	9.0	9.6	10.1	10.4	11.5	11.5	29
30	9.6 B	11.0	15.7	10.7	10.7	9.8	8.4	8.9	9.7	10.3	11.2	9.6	30
31	9.9 B	11.5	10.5	10.5	8.3	8.7	10.2	11.5	31				
TOTAL	285.7	328.5	380.0	624.1	386.6	331.9	302.8	258.5	284.3	323.7	330.6	396.3	TOTAL
MEAN	9.21	11.73	12.25	20.8	12.47	11.06	9.76	8.33	9.47	10.44	11.02	12.78	MEAN
AC-FT	566.68	651.57	753.73	1237.9	766.82	658.32	600.6	512.73	563.9	642.05	655.74	786.06	AC-FT
MAX	11.2	18.8	15.7	33.9	15.8	18.0	26.5	13.0	18.4	13.4	13.0	20.2	MAX
MIN	7.8	10.0	11.0	12.8	10.5	8.6	8.3	7.4	8.1	9.5	10.0	9.6	MIN

SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 11.6 CFS
TOTAL DISCHARGE, 8400 AC-FT
MAXIMUM DAILY DISCHARGE, 33.9 CFS
MINIMUM DAILY DISCHARGE, 7.4 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,
ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 10.5 SQUARE MILES.

REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232

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DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	11.6 B	9.3 E	11.1	15.0	16.8	12.3	11.6	8.8	10.2	11.9	12.6	12.3 E	01
02	11.6	9.3 E	11.3 B	16.3	20.2	12.8	10.1	12.5	10.3	11.4	15.3	12.3 E	02
03	11.4	9.6 E	11.0 B	18.3	23.0	11.4	9.8	12.1	10.4	10.7	14.0	12.3 E	03
04	11.3	9.6 E	10.9 B	17.7	16.8	11.0	9.5	10.0	9.9	10.3	13.0	12.3 E	04
05	10.9 B	9.3 E	10.8 B	15.1	15.8	10.3	9.0	9.5	9.7	10.0	13.0	12.3 E	05
06	10.7 B	9.3 E	10.7 B	14.0	17.0	10.5	8.9	9.5	9.6	12.0	12.3	18.0 E	06
07	10.9 B	9.3 E	10.7 B	13.5 B	15.9	10.3	8.9	9.5	9.5	13.0	12.7	14.8 B	07
08	10.9 B	9.3 E	10.5 B	13.4 B	14.7	10.7	8.7	15.1	19.1	10.9	23.0	13.8	08
09	11.9 B	9.3 E	10.1 B	13.8	14.0	11.5	8.7	16.7	11.7	10.8	16.0	13.9	09
10	12.3	9.3 E	10.3 B	16.4	13.4	9.7	9.9	12.5	10.3	10.5	14.0	13.9	10
11	11.7	9.3 E	10.4 B	34.0	13.3	9.5	9.9	11.5	9.9	10.5	13.7	13.4 B	11
12	11.4	9.3 E	10.9 B	40.4	13.0	9.6	9.1	9.8	9.8	10.4	13.4	13.5 B	12
13	11.6	10.1 E	10.8	82.7	12.7	9.7	10.8	11.6	10.0	10.3	13.1	34.5 B	13
14	11.4 B	12.3 E	11.0	53.4	15.3	9.9	12.2	11.4	9.9	10.4	12.9	16.9	14
15	11.3 B	10.1 E	10.6	33.3	10.1	9.8	21.7	10.9	9.4	10.7	12.8	14.8	15
16	11.2 B	9.6 E	12.0	30.0	14.9	9.3	18.1	10.8	9.3	10.6	12.5	14.3 E	16
17	11.2 B	9.6 E	14.2	48.7	14.8	9.0	11.8	11.3	9.1	10.7	12.7	13.8 E	17
18	11.1 B	9.3 E	12.8	34.9	14.4	8.8	11.6	11.3	9.0	10.6	12.9	13.1 E	18
19	12.5	9.6 E	11.6 B	28.6	12.7	8.8	11.0	9.8	9.0	10.6	13.0	12.7 E	19
20	11.4	9.6 E	11.2	28.8	11.6	8.8	10.8	9.4	8.9	10.4	13.4	12.3 E	20
21	11.0 B	10.1 E	11.0	23.2	11.8	10.7	10.5	9.4	9.0	10.6	12.6	12.2	21
22	11.5	9.9 B	17.8	26.0	11.7	17.0	10.7	9.4	8.7	13.5	12.1	12.2	22
23	14.2	9.5 B	16.1	24.5	11.2	19.7	12.3	16.6	8.7	28.4	12.1	12.5	23
24	11.9	9.9 B	13.7	21.5	10.6	19.8	10.7	12.7	10.2	16.0	12.4	12.8	24
25	12.4 B	10.1 B	12.5 B	19.8	10.6	13.9	10.7	11.5	9.6	13.9	12.3 E	12.8	25
26	10.8 B	10.5	12.2 B	19.3	10.6	14.4	10.1	10.5	13.1	13.0	14.7 E	12.9	26
27	10.2 B	10.5	12.0	18.7	10.7	13.9	9.6	16.9	10.7	12.5	14.3 E	13.0	27
28	10.0 B	10.8	11.9	18.5	10.7	11.7	9.3	14.0	9.4	13.1	13.5 E	12.6	28
29	9.7 B	10.8	12.5	18.2	10.5	11.3	9.1	11.3	10.8	16.4	12.7 E	12.7 B	29
30	9.5 B		13.6	17.0	12.2	13.3	8.9	10.6	18.0	13.8	12.3 E	13.0 B	30
31	9.3 E		14.0		13.0		8.9	10.4		12.8		19.6 B	31
TOTAL	348.8	284.5	370.2	775.0	430.0	349.4	332.9	363.1	313.2	380.7	405.3	441.5	TOTAL
MEAN	11.25	9.81	11.94	25.83	13.87	11.64	10.73	11.71	10.44	12.28	13.51	14.24	MEAN
AC-FT	691.84	564.3	734.29	1537.21	852.9	693.03	660.3	720.2	621.23	755.11	803.91	875.71	AC-FT
MAX	14.2	12.3	17.8	82.7	23.0	19.8	21.7	16.9	19.1	28.4	23.0	34.5	MAX
MIN	9.3	9.3	10.1	13.4	10.5	8.8	8.7	8.8	8.7	10.0	12.1	12.2	MIN

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 13.1 CFS
TOTAL DISCHARGE, 9510 AC-FT
MAXIMUM DAILY DISCHARGE, 82.7 CFS
MINIMUM DAILY DISCHARGE, 8.7 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,
ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.5 SQUARE MILES.
REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	21.0	13.8 B	10.7 B	35.8	14.0	13.1	10.2	14.0	9.1	9.0	21.4	12.3	01
02	15.3	48.6 B	11.4	24.4	15.1	12.2	9.8	11.2	9.0	10.0	19.0	11.8	02
03	14.4	26.8	20.3	23.3	17.3	11.5	9.6	9.5	8.9	13.3	15.3	12.3	03
04	16.1	15.7	88.1	18.6	14.6	11.8	9.6	9.0	8.9	10.5	12.5	12.9	04
05	14.7	14.5	23.5	19.6	13.9	13.6	10.4	8.9	8.9	11.2	12.0	14.4	05
06	13.1 B	13.7 B	55.1	16.1	13.1	12.3	9.3	8.7	8.8	10.0	12.1	13.1	06
07	12.6 B	13.6	61.1	15.2	12.4	14.3	9.1	8.4	8.7	10.0	12.4	12.5	07
08	12.1 B	13.6 B	31.6	14.7	15.3	11.6	8.9	8.3	8.8	9.6	13.2	11.9	08
09	11.5 B	13.5 B	19.6	14.1	19.5	11.0	8.7	8.3	8.7	9.3	12.4	12.3	09
10	10.8 B	13.4 B	19.7	14.7	15.2	10.5	8.6	8.4	8.6	9.3	11.3	12.7	10
11	10.1 B	13.0 B	41.6	14.6	17.9	10.3	8.6	8.3	8.4	9.5	11.5	12.4	11
12	9.9	13.0 B	25.3	14.1	14.5	10.2	8.4	8.1	8.4	9.7	12.0	12.2	12
13	10.1 B	13.0 B	18.9	13.8	13.4	9.8	8.6	8.1	8.4	10.6	12.1	12.2	13
14	10.4 B	12.6 B	17.4	13.8	13.0	9.1	9.6	8.0	8.5	12.0	11.6	11.9	14
15	10.7	12.6 B	20.7	13.9	13.3	8.9	8.6	8.0	8.5	10.4	19.8	9.9 B	15
16	10.6	12.2 B	18.7	14.0	13.0	9.2	8.4	7.9	8.5	10.6	16.5	11.5 B	16
17	11.1	12.2 B	37.4	14.2	13.4	9.1	8.2	7.8	8.7	11.0	13.0	11.7 B	17
18	13.5	12.2 B	19.9	13.6	12.7	10.3	8.1	25.2	12.5	10.8	12.5	12.0 B	18
19	25.0	11.8 B	16.8	13.9	12.2	9.9	8.1	12.2	9.5	11.6	12.8	11.8 B	19
20	20.5 B	11.8 B	16.1	13.4	11.9	9.4	8.4	10.4	9.6	12.4	12.3	11.6 B	20
21	14.5 B	11.8 B	15.7	13.0	12.1	9.3	8.3	9.8	9.1	11.0	13.1	11.5 B	21
22	18.3	11.8 B	15.6	16.1	11.4	9.1	8.0	9.3	11.1	10.8	14.8	11.0	22
23	25.2	11.8 B	16.2	14.2	11.1	9.1	7.9	9.2	12.4	10.6	12.7	11.1	23
24	16.4	11.8 B	16.8	13.3	11.3	11.0	7.9	9.2	10.9	10.5	13.6	11.0	24
25	14.6	11.3 B	16.9	12.8	11.2	9.9	8.3	9.2	9.9	10.1	14.7	11.8	25
26	14.4	11.3 B	16.9	12.5	12.6	9.3	8.7	9.1	9.6	9.9	12.6	15.1	26
27	14.3	11.3 B	15.2	14.6	12.3	9.3	9.8	14.2	9.4	10.1	12.7	16.9	27
28	14.1	11.0 B	14.2	20.8	19.0	19.6	10.7	10.4	9.3	10.7	16.9	14.8	28
29	13.9 B		15.2	16.2	14.7	14.2	10.3	9.3	9.1	14.9	15.2	13.7	29
30	13.9 B		18.1	13.8	13.1	11.1	8.6	9.1	8.9	20.6	13.5	13.0	30
31	13.4 B		17.4		15.4		8.9	9.4		15.3		12.5	31
TOTAL	446.5	403.7	752.1	483.1	429.9	330.0	276.8	306.9	279.1	345.3	413.5	365.8	TOTAL
MEAN	14.4	14.41	24.26	16.1	13.86	11.0	8.92	9.9	9.3	11.13	13.78	12.44	MEAN
AC-FT	885.63	800.73	1491.79	958.22	892.7	654.55	549.03	608.73	553.59	684.9	820.17	762.23	AC-FT
MAX	25.2	48.6	88.1	35.8	19.5	19.6	10.7	25.2	12.5	20.6	21.4	16.9	MAX
MIN	9.9	11.0	10.7	12.5	11.1	8.9	7.9	7.8	8.4	9.0	11.3	9.9	MIN

SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 13.3 CFS
TOTAL DISCHARGE, 9630 AC-FT
MAXIMUM DAILY DISCHARGE, 88.1 CFS
MINIMUM DAILY DISCHARGE, 7.8 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,
ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.5 SQUARE MILES.
REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	12.4	14.5 B	15.0 B	30.9	14.0	12.1	12.5	10.2	9.6	12.0	13.7	12.1	01
02	12.2 B	13.8 B	12.2 B	50.3	12.0	11.6	11.7	10.3	9.5	12.1	13.4	12.7	02
03	12.1	12.9 B	12.9	32.8	12.7	11.5	34.5	10.1	11.6	11.7	13.8	12.7	03
04	11.9 B	13.1 B	34.9	74.6	12.5	11.5	14.3	11.6	10.1	11.7	14.3	12.2 B	04
05	11.0 B	12.4 B	109.0	22.7	11.4	11.3	12.5	10.4	9.6	11.6	12.9	11.9	05
06	11.5	12.1 B	44.6	17.4	14.1	11.3	11.6	9.6	9.5	11.5	12.7	12.2	06
07	11.6	11.9 B	40.0	17.1	13.0	11.1	11.2	10.4	9.5	13.0	12.1	12.3	07
08	11.0 B	11.6 B	20.5	15.8	12.4	11.1	10.7	10.5	9.4	11.9	11.9	15.5	08
09	11.6 B	11.6 B	16.8	15.0	16.6	11.0	10.7	10.2	9.4	12.0	11.6	14.6	09
10	11.6 B	11.5 B	16.2	15.1	14.2	10.9	11.3	9.0	9.5	11.8	11.6	12.5	10
11	11.0 B	11.7	15.9	15.7	12.8	10.9	10.1	8.4	9.5	11.6	12.0	12.5	11
12	10.4 B	11.7	15.4	17.8	15.4	11.2	9.9	9.9	10.1	12.0	16.0	14.0	12
13	11.5 B	11.6	14.4 B	19.4	18.5	10.9	9.7	10.2	11.0	11.8	14.1	14.0	13
14	11.7 B	11.2	14.1 B	23.4	15.2	10.9	11.3	9.3	10.0	20.1	15.7	13.5	14
15	11.4	11.2 B	13.8 B	20.2	18.0	15.5	11.4	9.1	9.7	15.1	13.4	12.8	15
16	11.4	11.2 B	14.1	16.2	18.6	15.4	10.0	9.0	9.5	14.0	12.7	13.8	16
17	11.2 B	11.3	14.0	15.5	30.1	12.4	9.8	9.2	9.9	14.3	13.5	13.9 B	17
18	11.2 B	11.3	14.2 B	15.0	15.9	14.0	10.0	9.0	10.8	13.7	12.8	13.4 B	18
19	11.2 B	11.6	14.2 B	14.3	14.3	20.8	9.9	8.9	10.9	13.5	12.6	13.1 B	19
20	11.4	11.5	14.0 B	14.1	13.7	17.1	9.5	8.8	10.8	13.4	23.5	12.8	20
21	14.6	11.4	14.0	14.1	13.4	13.2	9.3	8.7	9.9	13.4	21.2	12.8	21
22	13.3	14.7	13.7 B	19.4	13.2	11.9	9.3	8.6	9.6	13.6	14.5	12.7	22
23	14.7	14.4 B	13.6 B	18.9	13.7	11.2	9.6	9.0	9.6	13.1	13.8	12.9	23
24	13.3	12.4	13.6 B	16.6	13.0	11.2	10.0	9.0	9.7	13.3	15.3	13.0	24
25	12.7	11.8	13.6 B	14.9	13.1	11.5	10.1	8.7	11.8	13.4	13.7	13.0	25
26	12.8	11.7	13.0 B	14.1	12.7	11.3	10.4	8.8	11.0	13.2	12.5	12.6 B	26
27	39.8	11.7	13.5 B	13.4	12.7	10.9	10.3	16.1	10.3	13.1	12.2	12.4	27
28	19.2	13.5	13.4 B	13.7	12.5	10.6	10.5	10.7	14.2	13.1	12.3	12.5	28
29	16.1	13.3 B	14.4	14.4	14.5	16.6	12.4	10.0	17.2	13.2	12.4	12.6	29
30	15.9		14.5	13.9	13.1	15.3	13.0	9.8	12.3	14.7	12.0	12.8	30
31	16.5		25.2		12.6		10.8	9.9		14.0		12.4	31
TOTAL	420.5	341.3	624.2	616.7	472.5	376.2	358.3	303.4	315.5	406.9	414.2	402.2	TOTAL
MEAN	13.56	12.18	20.13	20.55	15.24	12.54	11.55	9.78	10.51	13.12	13.8	12.97	MEAN
AC-FT	834.06	676.96	1238.1	1223.22	937.2	746.19	710.68	601.79	625.79	807.08	821.56	797.76	AC-FT
MAX	39.8	14.7	105.0	74.6	35.9	20.8	34.5	16.1	17.2	20.1	23.5	15.5	MAX
MIN	10.9	11.2	12.2	13.4	11.9	10.6	9.3	8.4	9.4	11.5	11.6	11.9	MIN

SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 13.8 CFS
TOTAL DISCHARGE, 10000 AC-FT
MAXIMUM DAILY DISCHARGE, 105.0 CFS
MINIMUM DAILY DISCHARGE, 8.4 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,
ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.5 SQUARE MILES.
REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	12.7	11.6 B	15.2 B	15.7 B	15.5	15.1	9.1	9.0	10.6	11.5	13.2	16.2	01
02	12.5 B	11.4 B	14.9	15.5 B	15.1	12.4	9.1	9.0	10.0	11.4	12.0	13.2	02
03	12.6	11.3 B	14.6 B	15.6 B	14.9	12.1	9.0	10.0	8.9	10.9	11.7	13.0	03
04	12.7	11.2 B	14.3 B	15.3 B	20.1	11.7	8.9	9.5	9.1	10.9	11.3	12.3	04
05	12.5	11.1 B	14.1 B	15.3 B	21.4	12.0	8.8	9.0	9.1	10.9	10.8	12.5	05
06	12.7	11.0 B	14.1	15.2 B	16.1	12.1	8.9	9.0	9.1	11.4	10.9	17.9	06
07	12.9	10.9 B	13.9 B	15.5 B	14.9	11.5	8.8	9.0	8.9	11.9	11.2	13.2	07
08	12.9	11.0 B	13.7 B	15.0	14.1	11.3	9.0	8.8	9.0	12.2	11.6	12.1	08
09	22.7	11.1 B	13.5 B	16.5	13.7	11.0	9.0	8.8	8.7	12.3	11.2	12.3	09
10	16.6	11.1 B	13.3 B	16.5	13.3	10.7	9.0	8.7	8.9	13.6	24.2	12.6	10
11	31.5	11.1 B	13.2 B	17.0	13.0	10.7	10.8	9.4	10.5	10.4	14.0	12.7	11
12	16.6	11.1 B	14.1	16.8	13.2	14.8	9.5	9.0	20.8	10.3	12.8	12.6	12
13	14.1	11.3 B	16.2 B	17.0	13.1	12.4	9.3	9.1	11.7	11.9	12.3	12.4	13
14	12.8 B	11.3 B	14.7 B	18.7	12.5	11.8	9.2	8.8	11.1	11.4	12.0	13.1	14
15	12.4 B	11.5	14.1 B	20.0	13.0	11.7	9.0	8.8	10.7	10.8	11.8	22.1	15
16	12.1 B	11.6	16.4	21.6	15.1	13.3	9.0	8.9	10.7	10.5	11.9	14.0 B	16
17	12.1 B	11.8	27.0	23.3	12.9	11.2	9.0	8.9	10.8	10.4	11.8	12.3 B	17
18	12.1 B	13.1	41.4	24.8	12.6	11.7	8.9	8.7	12.3	15.3	11.8	11.3 B	18
19	12.2 B	12.8	107.0	60.4	14.4	16.6	11.2	8.6	19.6	11.8	11.8	10.7 B	19
20	12.2 B	12.3	66.8	22.7	12.9	12.6	16.8	8.6	15.4	11.9	11.7	11.8 B	20
21	12.2 B	12.1	22.9	18.6	13.5	11.1	13.2	8.9	12.7	11.5	12.7	11.8 B	21
22	12.2 B	13.1	48.7	17.2	11.1	10.6	10.8	9.0	11.6	11.1	12.1	11.8 B	22
23	12.3 B	32.3	25.4	17.5	10.8	11.4	10.2	8.7	11.2	10.7	11.8	11.8 B	23
24	12.3 B	157.0	26.3	26.8	11.3	11.4	11.2	12.8	11.1	10.6	11.8	10.8 B	24
25	13.7	42.1	28.3	18.7	11.2	10.3	10.4	11.1	11.0	10.4	11.7	11.7 B	25
26	14.8	18.7	17.3 B	16.4	11.6	10.1	9.8	10.1	11.2	10.4	11.5	11.8 B	26
27	12.6 B	16.4	15.9 B	15.6	12.0	10.1	10.0	9.5	10.9	10.2	17.3	11.9	27
28	12.1	15.7	15.8 B	15.4	11.0	10.1	10.0	8.8	10.7	10.5	15.0	11.8	28
29	12.9		18.7	15.2	10.6	9.6	9.6	10.0	10.4	10.2	13.3	11.8	29
30	12.6 B		16.7	15.2	20.0	9.1	9.3	11.6	10.3	9.8	15.3	15.2	30
31	12.1 B		15.9		17.9		9.0	9.8		10.1		16.0	31
TOTAL	428.7	537.0	724.4	576.0	432.8	350.5	305.8	289.9	337.0	347.2	382.5	404.7	TOTAL
MEAN	13.82	19.17	23.36	19.2	13.96	11.68	9.86	9.35	11.23	11.2	12.75	13.05	MEAN
AC-FT	850.32	1065.13	1436.84	1142.49	858.45	695.21	606.55	575.01	688.43	688.67	758.68	802.72	AC-FT
MAX	31.5	157.0	107.0	60.4	21.4	16.6	16.8	12.8	20.8	15.3	24.2	22.1	MAX
MIN	12.1	10.9	13.2	15.2	10.6	9.1	8.8	8.6	9.8	9.8	10.8	10.7	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 14.0 CFS
TOTAL DISCHARGE, 10100 AC-FT
MAXIMUM DAILY DISCHARGE, 157.0 CFS
MINIMUM DAILY DISCHARGE, 8.6 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,
ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.5 SQUARE MILES.
REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	13.7 B	11.8 B	17.8	32.9	12.7	16.3	18.0	15.2	12.8	10.9	11.1	10.1 B	01
02	13.0 B	11.8 B	14.1 B	23.2	12.7	14.0	15.2	11.9	11.4	10.8	10.8	10.1 B	02
03	12.9 B	11.7 B	17.0 B	21.7	15.5	12.7	17.9	10.9	10.5	11.0	11.1	10.1 B	03
04	12.7 B	11.8 B	15.1 B	20.0	13.1	12.2	15.8	10.7	11.8	10.6	11.0	10.1 B	04
05	12.4 B	11.8 B	27.7	18.3	12.6	11.9	13.2	10.8	10.6	10.4	10.9	10.5 B	05
06	12.7 B	11.9 B	25.9	18.1	14.9	11.5	12.6	10.7	10.3	10.8	10.8	10.5 B	06
07	11.9 B	11.9 B	17.0	17.2	25.1	11.8	11.7	10.4	9.9	14.4	10.7	10.5 B	07
08	11.8 B	11.9 B	14.7 B	15.7	16.3	11.2	11.4	11.0	10.8	11.8	10.4	10.5 B	08
09	11.7 B	11.9 B	17.4 B	15.3	14.2	11.2	10.8	11.4	11.9	13.5	10.2	10.1 B	09
10	11.4 B	12.3 B	14.1 B	15.2	13.3	11.0	10.9	10.7	12.6	14.3	10.7	10.5 B	10
11	11.1 B	12.9 B	13.7 B	15.0	13.9	13.0	15.4	10.4	11.5	12.0	10.7	10.5 B	11
12	10.9 B	12.2 B	13.6 B	14.0	14.4	10.7	14.6	10.9	11.1	11.8	10.5	10.5 B	12
13	10.7 B	11.7 B	16.8 B	14.3	12.7	10.6	12.4	12.9	10.3	11.8	10.6	10.5 B	13
14	10.8 B	11.5	14.8 B	14.5	13.1	15.2	11.5	13.4	10.0	11.6	10.9	13.2 B	14
15	10.7 B	12.3	14.0 B	20.6	13.1	11.9	10.9	14.3	10.0	11.5	10.7	10.5 B	15
16	10.7 B	14.2	13.8 B	26.7	23.2	13.7	10.7	11.2	10.2	11.2	10.5	10.1 B	16
17	10.6 B	13.7	15.0 B	16.8	33.9	13.0	10.9	10.5	10.6	11.3	10.6	10.5 B	17
18	10.7 B	14.9	19.7 B	15.0	19.0	11.7	11.6	10.2	11.4	11.1	10.9	10.1 B	18
19	10.7 B	22.8	15.0 B	14.1	20.6	13.4	10.4	10.2	10.6	11.1	11.0	10.1 B	19
20	10.3 B	16.0	37.7	13.1	17.7	12.7	10.7	10.2	13.2	12.8	10.7	13.7 B	20
21	10.6 B	14.9	89.1	12.9	15.0	10.8	11.4	10.0	12.0	15.0	9.9	10.1 B	21
22	10.6 B	25.6 B	27.5 B	15.7	14.4	19.6	10.2	9.5	13.9	12.5	10.0	10.1 B	22
23	10.6 B	18.2 B	25.8 B	15.5	14.0	13.2	10.1	9.6	13.4	11.9	10.3	10.1 B	23
24	10.6 B	15.3	42.2	13.3	13.6	12.8	10.3	9.4	11.7	11.6	10.4	10.1 B	24
25	10.7 B	15.5	47.7	20.4	13.6	18.2	9.7	9.5	11.2	11.9	10.3	10.1 B	25
26	14.0 B	19.7	27.7	18.9	15.3	13.6	9.6	9.3	11.9	11.6	13.6	10.1 B	26
27	14.7 B	24.0	36.8	16.8	15.0	14.2	10.6	9.8	13.2	11.1	19.1	9.9 B	27
28	12.8 B	21.1	27.1	14.9	13.1	12.0	9.7	10.7	11.5	11.0	13.3	9.9 B	28
29	12.1 B	13.3	20.7	13.5	12.7	14.4	13.8	11.0	11.1	11.0	11.4 B	9.9 B	29
30	11.8 B		24.5	13.0	12.9	21.0	12.6	9.9	10.9	10.2	10.5 B	9.9 B	30
31	11.8 B		40.4		21.0		18.4	9.8		11.0		9.9 B	31
TOTAL	361.7	433.6	764.4	516.6	492.6	399.5	383.0	336.4	342.3	363.5	333.6	322.8	TOTAL
MEAN	11.66	14.95	24.65	17.22	15.89	13.31	12.35	10.85	11.41	11.72	11.12	10.41	MEAN
AC-FT	717.43	860.04	1516.18	1024.67	977.07	792.4	759.68	667.24	678.95	721.0	661.69	640.27	AC-FT
MAX	14.7	25.6	89.1	32.9	33.9	21.0	18.4	15.2	13.9	15.0	19.1	13.7	MAX
MIN	10.6	11.5	13.6	12.9	12.6	10.6	9.6	9.3	9.9	10.2	9.9	9.9	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 13.8 CFS
TOTAL DISCHARGE, 10000 AC-FT
MAXIMUM DAILY DISCHARGE, 89.1 CFS
MINIMUM DAILY DISCHARGE, 9.3 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,
ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.5 SQUARE MILES.
REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	9.8 B	9.2 B	10.0	17.0	12.9	12.9	11.8	15.7	11.9	18.7	10.6	25.4	01
02	9.7 B	9.2 B	9.9	21.1	13.4	11.9	10.7	13.7	23.1	14.9	10.5	17.0	02
03	9.6 B	9.3 B	9.9	30.0	12.5	10.7	10.4	13.4	13.9	13.2	10.5	14.9	03
04	9.4 B	9.3 B	13.9	18.6	12.3	10.2	10.7	13.6	11.6	12.0	10.4	13.9	04
05	9.2 B	9.2 B	19.8	27.0	12.4	10.1	10.0	16.2	10.8	11.7	10.2	13.0 B	05
06	9.2 B	9.0 B	14.9	17.9	12.1	10.0	11.7	17.7	9.3	11.5	10.2	13.0 B	06
07	9.1 B	8.8 B	12.9	16.5	11.5	9.8	11.8	17.8	9.3	11.0	18.6	13.1 B	07
08	9.0 B	8.6 B	12.5	16.5	11.7	9.5	11.3	16.7	9.3	17.2	25.5	13.3 B	08
09	9.0 B	8.7 B	19.3	16.4	12.5	9.4	10.1	16.6	9.7	21.6	14.2	13.4 B	09
10	9.1 B	9.0 B	32.0	16.9	11.5	9.4	9.4	23.8	10.1	14.0	20.4	13.4 B	10
11	9.2 B	9.0 B	33.3	16.9	11.0	9.2	9.4	15.9	9.8	12.6	16.4	13.5 B	11
12	9.2 B	9.2 B	36.1	16.7	10.8	9.4	10.0	13.1	9.7	12.5	13.4	13.6 B	12
13	9.3 B	11.6 B	89.9	16.0	10.7	9.5	9.6	12.1	11.9	12.0	12.5	13.7 B	13
14	9.3 B	10.1 B	32.7	15.4	10.7	9.3	9.1	11.9	11.4	11.7	11.9	25.3	14
15	9.3 B	9.4 B	26.6	14.6	10.4	9.2	9.3	10.7	9.6	11.6	12.4	19.6	15
16	9.3 B	9.3 B	24.9	14.2	10.2	9.2	9.2	15.7	13.9	12.3	16.9	16.9	16
17	9.3 B	9.2 B	20.1	14.2	10.3	10.4	9.1	17.1	13.4	11.5	22.8	16.3	17
18	9.2 B	9.3 B	18.3	14.0	11.3	13.5	9.1	11.3	11.1	11.3	16.1	15.5	18
19	9.2 B	9.2 B	17.8	13.9	10.9	11.7	10.0	10.0	10.7	11.4	13.8	15.0	19
20	9.3 B	9.2 B	17.4	13.8	10.3	10.8	10.3	10.2	13.7	11.3	12.8	15.5	20
21	9.2 B	9.2 B	17.5	13.7	10.0	10.2	8.2	10.0	12.0	11.2	13.1	17.3	21
22	9.3 B	9.2 B	17.7	18.8	9.7	9.4	8.1	14.2	10.7	11.4	11.8	16.2	22
23	9.3 B	9.2 B	17.0	20.6	9.8	9.3	9.1	10.2	10.1	10.8	12.9	15.6	23
24	9.3 B	11.1	16.3	19.0	10.0	9.3	9.9	12.0	9.9	10.7	14.4	15.6	24
25	9.3 B	12.1	16.5	17.4	9.9	13.2	9.9	10.0	20.5	10.8	13.1	24.1	25
26	9.3 B	10.5	16.4	15.1	9.7	10.7	10.3	9.6	17.6	10.9	15.7	17.0 B	26
27	9.4 B	10.5	17.2	14.4	9.4	9.7	11.2	9.6	13.2	10.9	11.8	16.1 B	27
28	9.4 B	10.3	19.8	13.6	9.2	9.5	13.5	9.6	12.0	10.8	11.9	15.6 B	28
29	9.3 B		26.0	13.2	9.4	15.7	16.2	9.5	11.5	10.8	12.1	15.5 B	29
30	9.2 B		23.2	13.0	9.4	11.4	17.2	10.5	11.3	10.7	12.5	15.5 B	30
31	9.2 B		20.6		9.4		21.2	12.9		10.5		15.4 B	31
TOTAL	287.9	267.9	680.4	506.4	335.3	314.5	337.8	411.3	363.0	383.5	419.4	499.2	TOTAL
MEAN	9.28	9.56	21.94	16.88	10.81	10.48	10.89	13.26	12.1	12.37	13.98	16.1	MEAN
AC-FT	571.04	531.37	1349.57	1004.44	665.06	623.81	670.02	815.81	720.01	760.67	831.87	990.16	AC-FT
MAX	9.8	12.1	89.9	30.0	13.4	15.7	21.2	23.8	23.1	21.6	25.5	25.4	MAX
MIN	9.0	8.6	9.9	13.0	9.2	9.2	8.1	9.5	9.3	10.5	10.2	13.0	MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 13.2 CFS
TOTAL DISCHARGE, 9530 AC-FT
MAXIMUM DAILY DISCHARGE, 89.9 CFS
MINIMUM DAILY DISCHARGE, 8.1 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,
ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.5 SQUARE MILES.
REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1978

84

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	15.2 B	14.0 B	11.6 B	33.2	15.2	12.4							01
02	14.9 B	13.7 B	11.5 B	28.2	15.2	12.5							02
03	14.7 B	13.5 B	11.4 B	19.4	15.0	12.3							03
04	13.3 B	13.3 B	11.4 B	18.5	14.8	12.1							04
05	13.0 B	13.3 B	11.4 B	23.3	15.4	12.5							05
06													06
06	13.0 B	13.2 B	11.4 B	23.5	16.6	12.2							07
07	13.0 B	13.0 B	11.3 B	42.9	16.5	12.5							08
08	23.1 B	12.9 B	11.3 B	26.0	15.3	13.2							09
09	24.8 B	12.8 B	11.4 B	20.9	22.1	12.6							10
10	18.2 B	12.7 B	11.3 B	20.3	17.0	12.4							
11	16.0 B	12.7 B	11.3 B	29.0	15.3	12.0							11
12	14.9 B	12.6 B	11.3 B	28.2	15.9	12.2							12
13	14.5 B	12.6 B	11.3 B	28.0	16.2	15.6							13
14	14.4 B	12.6 B	16.0 E	24.0	33.0	12.6							14
15	14.3 B	12.6 B	22.0 E	20.2	29.3	12.1							15
16	14.2 B	12.1 B	18.0 E	20.2	18.8								16
17	14.3 B	11.8 B	17.0 E	20.0	17.5								17
18	14.2 B	11.6 B	16.0 E	20.4	19.7								18
19	14.1 B	11.7 B	15.0 E	25.4	19.7								19
20	14.0 B	11.7 B	14.0 E	29.2	18.5								20
21	14.1 B	11.6 B	22.0 E	31.5	21.0								21
22	13.9 B	11.6 B	26.0 E	22.5	16.1								22
23	14.0 B	11.6 B	28.0 E	19.5	15.1								23
24	14.1 B	11.6 B	24.0 E	18.9	14.7								24
25	14.5 B	11.6 B	18.0 E	18.5	14.1								25
26	22.5 B	11.6 B	17.0 E	17.8	13.3								26
27	17.0 B	11.5 B	16.0 E	17.3	13.1								27
28	15.3 B	11.5 B	15.0 E	16.7	13.0								28
29	14.9 B		14.0 E	16.1	12.9								29
30	14.6 B		15.4	15.5	12.7								30
31	14.4 B		17.5		12.6								31
TOTAL	477.4	347.0	479.2	695.1	525.6								TOTAL
MEAN	15.4	12.39	15.45	23.17	16.95								MEAN
AC-FT	946.92	688.27	950.49	1378.73	1042.52								AC-FT
MAX	24.8	14.0	28.0	42.9	33.0								MAX
MIN	13.0	11.5	11.3	15.5	12.6								MIN

SUMMARY FOR THE YEAR 1978

MEAN DISCHARGE, 0.0 CFS
TOTAL DISCHARGE, 0 AC-FT
MAXIMUM DAILY DISCHARGE, 0.0 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD
ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 10.5 SQUARE MILES.
REMARKS: BROAD-CRESTED GABION BASKET CONTROL.
STATION DISCONTINUED JUNE 1978.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

STALKER CREEK NEAR ORONO - STATION NO. 02HD233
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01											2.7	2.2	01
02											26.0	2.3	02
03											17.5	2.8	03
04											11.1	2.9	04
05											7.3	3.0	05
06													06
07											5.1	3.4	07
08											4.2	3.5	08
09											3.9	4.8	09
10											4.8	4.9	10
11											5.1	3.5	11
12													12
13											5.5	4.3	13
14											24.5	34.7	14
15											15.1	19.6	15
16											8.8	9.0	16
17											6.4	6.6	17
18													18
19											5.2	5.9	19
20											6.7	5.6	20
21													21
22											17.6	18.7	22
23											22.6	15.7	23
24											9.6	7.1	24
25													25
26											4.3 E	5.3	26
27											4.1 E	8.7	27
28											3.1 E	21.8	28
29											2.2 E	13.5	29
30											4.7	8.7	30
31													31
TOTAL													TOTAL
MEAN											284.1	271.8	MEAN
AC-FT											9.47	8.76	AC-FT
MAX											563.51	539.11	MAX
MIN											26.0	48.8	MIN

SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP, SIDE ROAD 30-31,
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 8.1 SQUARE MILES.
REMARKS: BROAD-CRESTED SHALLOW V-SHAPED
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.1 B	22.0	2.2	14.6	3.1	4.5	1.3	0.47	0.35	0.47	0.77	4.8	01
02	2.7 B	145.0	2.3	9.4	3.7	3.6	1.1	0.4	0.41	0.48	0.76	5.4	02
03	2.9 B	47.7	2.5	8.7	3.5	4.0	0.88	0.39	0.43	1.1	0.74	6.0	03
04	3.0 B	23.5	2.8	36.7	3.9	2.7	0.84	0.37	0.38	1.1	0.72	19.8	04
05	2.5 B	15.9	2.3	19.4	3.1	2.1	0.8	0.38	0.49	0.83	0.7	19.2	05
06	2.4 B	13.7	2.3	9.9	2.4	1.7	0.78	0.8	5.2	0.76	0.7	8.4 B	06
07	2.3 B	9.5	2.3 B	8.3	1.9	1.3	0.93	0.55	2.1	0.86	2.8	1.8 B	07
08	2.2 B	6.9 B	4.6 B	8.1	2.0	1.2	0.76	0.5	1.0	0.91	4.5	1.7 B	08
09	2.2 B	5.5 B	21.6 B	7.2	2.8	1.2	1.4	0.75	0.77	0.8	3.1	1.3 B	09
10	2.2 B	4.4 B	34.8 B	6.5	5.3	1.1	0.77	0.46	0.72	0.79	4.6	1.7 B	10
11	2.3 B	4.2 B	29.6 B	6.1	3.1	1.1	0.58	0.42	0.94	0.81	2.6	3.0 B	11
12	2.6 B	4.8 B	19.9 B	5.6	7.4	1.2	0.56	0.4	0.97	0.76	2.0	1.8 B	12
13	2.8 B	5.0 B	9.4 B	5.4	8.1	1.1	0.52	0.39	0.64	0.71	1.5	6.2	13
14	2.9 B	4.5 B	10.0 B	5.4	4.2	1.1	0.47	0.36	0.44	0.69	1.3	5.1	14
15	3.1 B	3.8 B	6.4 B	5.3	3.9	1.0	0.48	0.36	0.45	0.66	2.2	2.4	15
16	3.2 B	3.4 B	59.0 B	4.6	8.5	0.97	0.61	0.43	0.44	0.63	3.6	1.7 B	16
17	3.3 B	3.0 B	81.5 B	4.0	13.5	0.86	0.49	0.44	0.4	0.59	2.1	1.4 B	17
18	3.0 B	2.4 B	72.8	3.7	5.8	0.8	0.44	0.38	0.5	0.65	3.1	2.4 B	18
19	3.0 B	2.4 B	48.1	3.7	5.7	1.2	0.48	0.41	0.44	3.9	4.3	2.6 B	19
20	3.0 B	2.4 B	45.2	3.5	23.0	1.0	0.46	0.51	0.4	2.6	2.2	2.1 B	20
21	3.0 B	2.3 B	36.2	3.1	9.7	0.87	0.45	0.37	0.42	1.3	1.8	1.7 B	21
22	2.9 B	2.3 B	25.5	3.2	6.3	2.4	0.45	1.3	0.42	1.1	3.7	1.4 B	22
23	2.9 B	2.2 B	23.9	3.3	4.3	1.8	0.42	1.8	0.42	1.1	5.3	2.3 B	23
24	2.9 B	2.2 B	11.8	4.4	3.3	1.3	0.44	0.89	0.46	1.0	7.1	1.7 B	24
25	2.8 B	2.2 B	12.8	3.9	2.5	1.4	0.4	0.64	0.52	0.92	4.5	1.3 B	25
26	2.7 B	2.1 B	22.1	3.8	2.2	8.7	0.37	0.46	0.47	0.93	2.9	1.3 B	26
27	2.6 B	2.1 B	31.0	3.4	1.8	3.1	0.4	0.41	0.47	0.92	3.6	1.3 B	27
28	2.5 B	2.1 B	29.0	2.9	1.6	3.7	0.38	0.36	0.47	0.87	11.4	1.3 B	28
29	2.7 B	2.2 B	24.4	2.5	13.4	2.5	0.36	0.33	0.49	0.82	28.1	1.3 B	29
30	5.5 B		15.2	2.6	12.9	2.0	0.38	0.34	0.48	0.77	7.1	1.2 B	30
31	8.2		13.2		6.2		0.42	0.33		0.76		1.2	31
TOTAL	93.4	349.7	704.7	209.2	179.1	61.5	19.12	16.4	22.09	30.59	119.79	116.0	TOTAL
MEAN	3.01	12.05	22.73	6.97	5.77	2.05	0.61	0.52	0.73	0.98	3.99	3.74	MEAN
AC-FT	185.25	693.62	1397.77	414.94	355.24	121.98	37.92	32.52	43.81	60.67	237.6	230.08	AC-FT
MAX	8.2	145.0	81.5	36.7	23.0	8.7	1.4	1.8	5.2	3.9	28.1	19.8	MAX
MIN	2.2	2.1	2.2	2.5	1.6	0.8	0.36	0.33	0.35	0.47	0.7	1.2	MIN

SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 5.3 CFS
TOTAL DISCHARGE, 3810 AC-FT
MAXIMUM DAILY DISCHARGE, 145 CFS
MINIMUM DAILY DISCHARGE, 0.33 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 8.1 SQUARE MILES.
REMARKS: BROAD-CRESTED SHALLOW V-SHAPED
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

STALKER CREEK NEAR ORONO - STATION NO. 02HD233

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.1	26.0 B	5.5	5.8	4.6	4.4	1.0	8.9	0.82	0.59	1.5	2.5	01
02	1.1	16.8 B	6.3	61.3	3.9	31.3	0.85	16.1	0.77	0.65	17.6	2.5	02
03	1.0	13.1 B	9.3	13.7	5.6	12.6	0.9	4.6	0.76	0.76	14.9	2.6 B	03
04	0.95	9.1 B	10.7 B	13.2	4.3	7.8	1.2	2.7	0.71	0.72	6.9	2.4 B	04
05	0.99	0.4 B	8.3 B	29.5	3.5	6.6	1.3	2.2	0.72	0.68	4.8	2.1	05
06	0.94	4.4 B	5.9 B	16.1	3.0	7.4	1.0	1.8	0.82	0.69	3.5	2.0	06
07	0.98	3.6	3.7 B	12.5	2.8	4.9	0.81	1.7	0.79	0.74	3.1	2.3	07
08	0.95	3.2	4.0 B	11.9	7.1	3.3	0.6	1.7	0.76	0.81	2.7	6.9	08
09	0.95	2.8	4.7 B	10.6	9.3	2.9	0.54	1.3	0.81	0.73	2.5	1.2	09
10	0.96	3.7	6.3 B	21.7	10.3	2.2	0.53	1.1	0.72	0.72	2.4	5.5	10
11	0.93	2.9 B	5.7 B	12.8	22.0	2.0	1.1	1.0	0.68	0.68	2.5	30.0	11
12	0.89	2.3 B	3.8 B	8.3	11.8	1.8	1.5	1.0	0.73	0.67	3.0	17.7	12
13	0.89	2.2 B	3.1	7.3	7.9	1.7	0.99	0.93	0.6	0.67	3.1	9.2	13
14	0.9	2.2 B	3.8	7.0	6.5	1.6	0.7	0.88	0.59	0.96	7.7	7.2	14
15	0.91	2.2 B	4.3	7.2	4.7	1.9	0.53	0.84	0.6	0.91	9.1	5.3 B	15
16	0.93	2.2 B	0.5 E	10.7	3.8	3.2	0.55	1.3	0.68	1.5	4.4	4.8 B	16
17	0.96	2.1 B	10.3 E	16.2	3.5	1.9	0.55	17.2	0.82	2.3	3.6	3.4 B	17
18	2.5	2.0 B	40.1 E	48.1	9.5	2.2	0.51	6.0	0.75	1.2	4.7	3.4 B	18
19	4.5	1.8 B	29.4 E	21.6	44.9	2.3	0.47	11.0	0.65	1.2	10.6	3.6 B	19
20	4.6	1.9 B	19.0 E	10.7	13.6	2.1	0.47	4.3	0.58	6.0	9.9	3.7 B	20
21	3.9	4.7	36.0	8.6	7.8	1.5	0.47	2.3	0.54	4.3	4.5	3.6 B	21
22	4.1	6.8	10.0	8.5	5.6	1.2	0.46	1.6	0.54	2.5	3.4	3.5 B	22
23	5.2	8.0	15.9	13.8	4.7	1.5	0.43	1.3	0.55	2.1	3.7	3.0 B	23
24	155.0	6.0	24.8	10.4	3.9	2.1	0.47	1.2	0.66	2.0	3.6	3.0 B	24
25	36.9	0.0	47.0	6.4	3.9	1.7	1.8	1.0	0.66	2.2	3.4	3.0 B	25
26	16.7 B	5.2	25.4	5.5	3.6	1.5	2.8	0.87	0.7	1.9	3.7	3.0 B	26
27	10.7 B	4.5	8.0 B	7.0	3.0	1.2	2.9	0.83	0.66	1.8	3.5	2.8 B	27
28	8.5 B	4.9	10.5	5.0	2.6	0.97	45.1	0.85	0.62	1.5	2.9	2.7 B	28
29	6.0 B		15.0	11.3	4.0	0.81	30.0	0.84	0.59	1.4	3.0	2.5 B	29
30	137.0 B		4.8 B	6.0	2.8	1.0	5.8	0.81	0.63	1.3	2.6	2.4 B	30
31	92.7 B		3.8 B		2.0		3.1	0.84		1.3		2.3 B	31
TOTAL	504.76	157.0	399.5	428.7	226.7	117.58	109.43	98.99	20.51	45.48	152.8	156.1	TOTAL
MEAN	16.28	5.6	12.88	14.29	7.31	3.91	3.53	3.19	0.68	1.46	5.09	5.03	MEAN
AC-FT	1001.19	311.4	792.4	850.32	449.65	233.21	217.05	196.34	40.68	90.2	303.07	309.62	AC-FT
MAX	155.0	26.0	47.0	61.3	44.9	31.3	45.1	17.2	0.82	6.0	17.6	30.0	MAX
MIN	0.89	1.8	3.1	5.0	2.0	0.81	0.43	0.81	0.54	0.59	1.5	2.0	MIN

SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 6.6 CFS
TOTAL DISCHARGE, 4800 AC-FT
MAXIMUM DAILY DISCHARGE, 155 CFS
MINIMUM DAILY DISCHARGE, 0.43 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 8.1 SQUARE MILES.
REMARKS: BROAD-CRESTED SHALLOW V-SHAPED
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

STALKER CREEK NEAR ORONO - STATION NO. 02HD233

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.2 B	4.2	2.2 B	13.5	6.1	2.5	1.8	1.8	0.64	1.0	14.4	4.6	01
02	2.2 B	5.1	2.3 B	32.8	5.3	2.4	2.0	1.2	0.6	1.3	6.9	4.3	02
03	2.2 B	6.5	2.4 B	42.7	4.7	2.1	1.8	1.0	0.65	1.6	4.0	3.6	03
04	2.2 B	8.6 B	3.9 B	26.5	4.3	1.9	1.6	0.87	0.79	1.8	3.1	8.7	04
05	2.2 B	5.8 B	12.0 B	19.6	4.0	1.7	1.4	0.74	0.73	1.2	2.7	5.0 B	05
06	2.2 B	4.5 B	14.2 B	19.8	3.6	1.5	1.0	0.7	0.57	0.96	2.3	4.2 B	06
07	2.2 B	4.0 B	13.6 B	23.9	3.5	1.5	0.87	0.62	0.45	0.89	2.2	2.6 B	07
08	2.1 B	3.8 B	9.2 B	25.7	4.8	1.3	0.81	0.55	0.46	0.85	2.0	2.3	08
09	2.1 B	3.6 B	8.0 B	26.4	6.1	1.2	0.82	0.5	0.92	0.78	1.9	15.4	09
10	2.1 B	3.8 B	6.6 B	16.6	4.5	1.1	4.4	0.45	0.81	0.77	3.4	14.9 B	10
11	2.1 B	4.4 B	5.0 B	10.2	3.9	5.5	3.3	0.44	0.58	0.98	5.2	5.9 B	11
12	2.1 B	4.2 B	5.3 B	9.6	3.5	7.1	2.2	0.44	0.49	1.1	5.0	3.5 B	12
13	2.1 B	3.5 B	9.8	9.5	3.4	2.2	1.3	0.43	0.47	2.1	4.6	3.0 B	13
14	2.1 B	3.8 B	11.1	10.1	3.3	1.6	2.2	0.43	0.58	2.6	3.1	3.1 B	14
15	2.1 B	3.3 B	6.0 B	9.7	4.7	1.3	3.7	0.43	0.63	1.8	3.0	3.3 B	15
16	2.0 B	3.0 B	4.6 B	8.5	37.2	1.4	2.8	0.44	0.98	1.3	3.1	3.1 B	16
17	2.0 B	2.7 B	7.1 B	8.4	32.4	3.5	2.0	0.41	0.74	1.1	3.0	3.4	17
18	2.0 B	2.5 B	13.8 B	8.9	11.3	3.7	1.5	0.4	1.1	1.1	3.2	3.6	18
19	2.0 B	2.3 B	31.1 B	6.5	7.1	2.9	1.2	0.57	1.1	1.0	2.8	3.9	19
20	2.0 B	2.2 B	38.1	39.3	4.9	2.0	9.8	1.1	0.81	0.97	10.7	4.7	20
21	2.0 B	2.2 B	40.4	27.8	3.8	1.5	8.1	0.67	0.69	2.6	10.4	3.6 B	21
22	2.0 B	2.2 B	38.6	16.8	10.0	1.1	2.9	0.51	0.62	8.2	5.9	3.3 B	22
23	2.0 B	2.3 B	45.6	12.9	8.5	0.97	1.9	0.48	0.61	3.0	4.9	3.1 B	23
24	2.0 B	2.4 B	37.2	19.2	5.2	0.91	1.5	0.49	0.6	2.1	2.9	3.1	24
25	2.0 B	2.2 B	32.5	24.2	4.6	0.91	1.3	0.51	0.68	1.7	2.4	3.0	25
26	2.1 B	2.4 B	38.2	12.9	8.2	0.96	1.2	0.55	0.76	1.6	2.8	3.1	26
27	2.0 B	2.3 B	31.2	9.4	4.6	12.3	1.1	0.54	1.1	1.4	4.0	3.0	27
28	2.1 B	2.2 B	21.4	7.8	3.8	3.4	1.0	0.53	0.85	1.3	10.2	2.8	28
29	2.9 B		5.8 B	6.2	3.2	2.6	0.95	0.49	0.75	1.2	7.4	2.6 B	29
30	3.4 B		4.8 B	5.5	2.8	2.4	0.88	0.86	0.8	3.8	6.1	2.5 B	30
31	4.0		9.6 B		2.6		0.87	1.5		21.2		2.5 B	31
TOTAL	68.7	100.0	511.6	510.9	216.1	75.45	68.2	20.65	21.76	73.5	143.6	135.7	TOTAL
MEAN	2.21	3.57	16.5	17.03	6.97	2.51	2.2	0.66	0.72	2.37	4.78	4.37	MEAN
AC-FT	136.26	198.35	1014.75	1013.37	428.63	149.65	135.27	40.95	43.16	145.78	284.83	269.16	AC-FT
MAX	4.0	8.6	45.6	42.7	37.2	12.3	9.8	1.8	1.1	21.2	14.4	15.4	MAX
MIN	2.0	2.2	2.2	5.5	2.6	0.91	0.81	0.4	0.45	0.77	1.9	2.3	MIN

SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 5.3 CFS
TOTAL DISCHARGE, 3860 AC-FT
MAXIMUM DAILY DISCHARGE, 45.6 CFS
MINIMUM DAILY DISCHARGE, 0.40 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 8.1 SQUARE MILES.
REMARKS: BROAD-CRESTED SHALLOW V-SHAPED
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

STALKER CREEK NEAR ORONO - STATION NO. 02HD233

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.4 B	2.2 E	16.0 E	38.7 B	7.6 E	1.5	1.0	0.63	0.16	0.74	0.86E	1.8 E	01
02	2.5 B	2.3 B	15.5 E	126.0 B	7.0 E	2.5	0.82	0.54	0.1	0.68	0.95E	1.8 E	02
03	2.6 B	2.4 B	13.9 E	60.5 B	6.2 E	11.7	0.71	0.49	0.11	0.63	0.95E	1.8	03
04	3.0 B	2.4 B	10.4 B	31.9 B	5.8 E	5.4	0.67	0.45	0.11	0.64	0.95E	2.0	04
05	4.2 B	3.7 B	8.7 B	29.1 B	5.0 E	3.5	0.79	0.42	0.15	0.73	1.0 E	1.7 B	05
06	4.0 B	4.2 B	8.2 B	44.9 B	4.3 E	2.8	10.4	0.38	0.15	0.97	1.3 E	3.7	06
07	3.9 B	3.4 B	7.7 B	58.0 B	4.0 E	2.4	3.0	0.36	0.19	1.1	2.2 E	8.5	07
08	3.1 B	2.7 B	7.0 B	43.0 B	4.1 E	2.9	1.7	0.35	0.27	0.86	1.6 E	5.7	08
09	2.9 B	2.4 B	5.5 B	50.7	4.1 E	2.8	1.5	0.34	0.25	1.3	1.4 E	8.3	09
10	2.9 B	2.4 B	4.6 B	50.2	3.8 E	1.9	1.0	0.41	0.19	4.2	2.1 E	14.6	10
11	3.0 B	2.5 B	4.5 B	36.2	3.6 E	1.6	1.0	0.85	0.2	1.9	1.9 E	12.2	11
12	2.9 B	2.5 B	4.2 B	37.5	3.2	1.5	0.76	0.63	0.22	1.3	1.5 E	5.0	12
13	2.3 B	2.5 B	3.8 B	50.2	5.6	10.4	0.93	0.48	0.5	1.1	1.5 E	3.8	13
14	2.3 B	2.4 B	3.9 B	38.2	3.9	4.7	1.1	0.46	0.6	2.8	1.4 E	3.1	14
15	2.2 B	2.4 B	18.8 B	21.0	3.2	2.4	0.85	0.44	0.64	2.1	3.8 E	9.0	15
16	2.1 E	2.5 B	38.1 B	19.7	3.1	1.8	0.74	0.42	0.72	1.4	2.8 E	15.0	16
17	2.1 E	2.5 B	37.1 B	18.4	3.2	1.2	1.0	0.4	0.71	1.2	2.2 E	5.8	17
18	2.1 E	2.5 B	33.7 B	16.3	2.0	1.3	0.92	0.39	0.67	1.1	1.8 E	3.2	18
19	2.1 E	2.5 E	29.0	16.0	2.5	1.2	0.8	0.38	0.64	1.0	1.5 E	2.3	19
20	2.1 E	2.8 E	21.0	14.6	2.8	0.91	0.84	0.38	4.4	0.91	2.2 E	3.5	20
21	2.1 E	4.0 E	12.5 B	13.0	2.8	1.0	0.69	0.39	4.4	0.85	5.0 E	5.1 B	21
22	2.1 E	4.3 E	10.6 B	10.8	2.3	1.0	0.65	0.49	1.7	0.85	2.9 E	2.9 B	22
23	2.1 E	9.6 E	9.1 B	8.9	2.0	0.9	0.88	1.3	1.2	0.94	2.2 E	3.1 B	23
24	2.1 E	15.3 E	7.6 B	8.4	2.0	1.4	0.97	0.74	1.1	0.95E	1.6 E	8.6	24
25	2.1 E	10.9 E	7.2 B	9.0	3.1	1.9	1.1	0.59	0.92	2.5 E	1.2 E	6.9 B	25
26	2.3 E	9.6 E	7.2 B	8.9	3.1	2.4	1.2	0.96	0.87	3.1 E	1.2 E	4.8 B	26
27	2.2 E	11.9 E	9.0 B	8.0 E	3.6	1.6	1.4	2.3	0.83	2.2 E	1.9 E	3.9 B	27
28	2.2 E	14.8 E	10.8 B	8.3 E	3.2	3.6	0.88	1.0	0.85	1.7 E	2.9 E	3.7 B	28
29	2.2 E		10.8	9.2 E	2.2	1.9	0.96	0.75	1.1	1.3 E	2.6 E	3.5	29
30	2.2 E		14.6	8.3 E	2.4	1.2	0.96	0.34	0.92	1.0 E	2.1 E	2.3 B	30
31	2.2 E		21.7 B		1.7		0.76	0.27		0.86E		2.9 B	31
TOTAL	78.5	133.6	412.7	885.9	110.2	81.31	40.98	18.33	24.87	42.91	57.51	160.5	TOTAL
MEAN	2.53	4.77	13.31	29.53	3.74	2.71	1.32	0.59	0.82	1.38	1.91	5.17	MEAN
AC-FT	155.7	264.95	818.59	1757.18	200.48	161.27	81.28	36.35	49.32	85.11	114.07	318.35	AC-FT
MAX	4.2	15.3	38.1	126.0	7.6	11.7	10.4	2.3	4.4	4.2	5.0	15.0	MAX
MIN	2.1	2.2	3.8	8.0	1.7	0.9	0.65	0.27	0.1	0.63	0.86	1.7	MIN

SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 5.6 CFS
TOTAL DISCHARGE, 4070 AC-FT
MAXIMUM DAILY DISCHARGE, 126 CFS
MINIMUM DAILY DISCHARGE, 0.10 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 8.1 SQUARE MILES.
REMARKS: BROAD-CRESTED SHALLOW V-SHAPED
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

STALKER CREEK NEAR ORONO - STATION NO. 02HD233

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DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAY
01	2.8 B	1.9 B	2.1 B	52.5 B	7.0	3.2	2.6	0.89	1.2	4.5	4.8	5.8	01
02	2.9	1.9 B	2.3 B	56.0 B	13.4	3.8	1.7	15.9	1.1	3.3	8.8	4.0 B	02
03	2.9	1.9 B	2.1 B	56.7 B	31.1	2.5	1.3	22.8	1.2	2.9	9.9	4.3 B	03
04	2.8	1.9 B	1.9 B	55.6 B	12.9	3.4	1.6	5.1	1.1	2.3	6.0	3.5 B	04
05	2.5 B	1.9 B	1.8 B	30.6 B	9.9	2.5	1.3	2.8	0.99	2.1	6.1	3.6	05
06	2.4 B	1.9 B	1.9 B	19.4 B	9.2	1.9	1.2	2.2	0.96	2.7	5.0	22.6	06
07	2.4 B	1.9 B	1.9 B	12.0 B	10.5	1.8	1.0	5.2	0.94	7.6	4.8	10.6 B	07
08	2.4 B	1.9 B	2.2 B	11.4 B	7.5	1.6	0.96	14.0	12.2	3.5	36.3	6.9 B	08
09	3.4 B	1.9 B	2.8 B	20.3 B	6.0	2.9	1.2	24.0	5.7	2.5	18.8	6.4	09
10	7.0 B	1.9 B	2.6 B	43.1 B	4.8	2.2 E	1.2	8.7	2.6	2.2 E	9.9	6.8	10
11	6.0 B	1.9 B	2.5 B	94.8	4.3	1.6 E	1.2	5.0	2.0	1.9 E	8.7	5.0 B	11
12	4.5 B	1.9 B	2.8 B	78.6	3.9	1.3 E	0.98	4.1	1.9	1.8 E	8.0	5.8 B	12
13	4.2 B	2.2 B	3.6 B	157.0	3.8	1.1 E	1.3	3.2	1.7	1.8 E	6.8	61.2 B	13
14	3.9 B	18.9 B	3.2 B	63.7	6.2	1.0 E	4.5	2.9	1.7	1.8 E	6.0	26.6 B	14
15	3.7 B	20.6 B	3.2 B	47.5	8.9	0.97E	7.4	2.4	1.5	2.1 E	5.6	12.2 B	15
16	2.4	13.3 B	3.5 B	36.8	8.0	0.95E	20.2	2.1	1.3	1.9 E	5.2 B	7.8 B	16
17	2.9	6.9 B	7.8 B	72.7	9.4	0.86E	4.0	2.6	1.2	1.8 E	5.8	7.6 B	17
18	3.3 B	5.3 B	10.5 B	38.0	0.5	0.86E	2.4	2.0	0.99	1.8 E	6.4	7.5 B	18
19	7.5 B	4.1 B	9.6 B	31.0	4.8	0.86E	2.4	1.7	1.0	1.8 E	6.2	7.5 B	19
20	5.9 B	3.5 B	8.9 B	31.8	3.9	0.86E	2.0	1.4	0.94	1.9	6.8	7.5 B	20
21	3.9 B	4.3 B	9.0 B	19.5	3.5	1.0 E	1.6	1.2	0.91	1.9	5.8	7.1 B	21
22	3.8 B	3.8	34.9 B	27.5	2.9	7.4	1.5	1.1	0.82	2.9	4.4 B	6.9 B	22
23	11.6 B	3.4 B	36.7 B	30.7	2.5	8.0	4.5	2.8	0.95	28.0	4.2	7.1 B	23
24	9.3 B	3.0 B	30.3 B	18.3	2.5	13.7	6.3	3.9	1.6	13.3	4.6	8.1 B	24
25	7.2 B	2.6 B	22.8 B	13.5	2.2	5.2	7.5	2.5	1.8	7.8	5.5	9.6 B	25
26	3.3 B	2.5 B	17.2 B	11.2	1.9	3.3	3.4	2.0	2.0	5.7	15.0	10.1 B	26
27	2.1 B	2.3 B	12.1 B	9.6	1.8	2.7	2.3	3.7	2.3	4.7	15.0	10.4	27
28	2.0 B	2.2 B	9.8 B	8.6	1.7	2.1	1.6	3.2	1.5	4.8	8.6	8.4 B	28
29	1.9 B	2.1 B	15.4 B	7.9	1.0	1.7	1.3	2.1	1.5	12.3	6.2	8.1 B	29
30	1.9 B		33.3 B	7.3	2.0	2.6	1.1	1.6	8.2	8.5	5.2	7.9 B	30
31	1.9 B		42.6 B		3.0		0.97	1.6		5.4		26.4 B	31
TOTAL	124.7	123.8	341.3	1163.6	197.8	83.86	92.51	154.69	63.8	147.5	251.2	333.3	TOTAL
MEAN	4.02	4.26	11.0	38.78	6.38	2.79	2.98	4.99	2.12	4.75	8.37	10.75	MEAN
AC-FT	247.34	245.55	676.96	2308.0	392.33	166.33	183.49	306.82	126.54	292.56	498.25	661.1	AC-FT
MAX	11.6	20.6	42.6	157.0	31.1	13.7	20.2	24.0	12.2	28.0	36.3	61.2	MAX
MIN	1.9	1.9	1.8	7.3	1.6	0.86	0.96	0.89	0.82	1.8	4.2	3.5	MIN

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 8.4 CFS
TOTAL DISCHARGE, 6100 AC-FT
MAXIMUM DAILY DISCHARGE, 157 CFS
MINIMUM DAILY DISCHARGE, 0.82 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 8.1 SQUARE MILES.
REMARKS: BROAD-CRESTED SHALLOW V-SHAPED
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

STALKER CREEK NEAR ORONO - STATION NO. 02HD233

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	46.1 B	3.6 B	2.4 B	81.6	7.9	13.0	2.6	2.9	0.48	0.64	11.1	3.5 B	01
02	21.5 B	70.4 B	3.7 B	55.0	10.9	9.3	2.4	1.8	0.5	0.75	5.5	3.1	02
03	13.3 B	52.6 B	29.0 B	54.9	21.3	5.8	1.6	1.2	0.49	3.1	6.5	3.1	03
04	22.5	10.8 B	64.2 B	33.9	11.9	5.0	1.6	0.94	0.44	1.6	3.5	3.4	04
05	20.1 B	6.0 B	15.0 B	40.3	9.3	8.3	1.8	0.72	0.42	2.1	2.5	4.8	05
06	6.9 B	5.0 B	32.8 B	20.1	6.6	5.8	1.5	0.63	0.41	1.4	2.3	4.5	06
07	3.8 B	4.3 B	38.4 B	15.4	5.4	8.8	1.3	0.59	0.39	1.2	2.4	3.5	07
08	3.5 B	3.7 B	33.4 B	12.8	8.1	5.1	1.6	0.58	0.38	1.0	3.1	3.0 B	08
09	3.4 B	2.6 B	10.1	10.7	24.0	3.8	1.1	0.54	0.37	0.91	2.9	3.2	09
10	3.3 B	2.4 B	17.2	11.0	13.5	2.8	0.9	0.52	0.41	0.84	2.2	3.8 B	10
11	3.0	2.3 B	49.3	11.1	30.2	2.8	0.88	0.51	0.42	0.81	2.0	3.6 B	11
12	2.9	2.2 B	33.7	9.2	17.5	2.7	0.81	0.47	0.42	0.83	2.2	3.3 B	12
13	3.0 B	2.1 B	19.2	8.1	12.3	2.5	0.85	0.43	0.43	0.98	2.1	3.1 B	13
14	3.0 B	2.2 B	17.5	7.5	9.0	2.0	0.95	0.43	0.45	2.1	2.0	2.8 B	14
15	3.3 B	2.2 B	26.8	7.5	7.9	1.8	1.0	0.42	0.45	1.4	7.1	2.2 B	15
16	3.7 B	2.1 B	20.3	7.4	7.3	1.8	0.89	0.4	0.44	1.1	9.9	1.8 B	16
17	4.2 B	2.1 B	66.8	7.9	8.4	1.9	0.78	0.39	0.46	1.1	4.1	1.7 B	17
18	13.5 B	2.1 B	26.3	6.8	6.9	2.3	0.72	1.8	2.2	1.1	3.7	1.0 B	18
19	48.4	2.1 B	14.1	7.5	5.6	2.6	0.69	1.8	1.2	1.2	3.9	1.6 B	19
20	30.5 B	2.1 B	12.3	6.9	4.9	2.3	0.72	1.1	0.91	2.0	3.1	1.6 B	20
21	22.2 B	2.2 B	11.7	5.8	5.5	1.9	0.7	0.86	0.8	1.5	3.1	1.6 B	21
22	35.0	2.1 B	10.7	9.4	4.5	1.8	0.59	1.6	1.6	1.2	6.6	1.6 B	22
23	43.3	2.2 B	13.3	9.3	3.8	1.7	0.5	0.6	2.2	1.2	3.8	1.0 B	23
24	17.2	2.3 B	15.9	6.4	3.7	2.1	0.54	0.57	2.0	1.1	3.7	1.6 B	24
25	9.2 B	2.2 B	15.2	5.4	3.8	2.3	0.63	0.55	1.2	1.0	7.2	1.0 B	25
26	9.3	2.2 B	13.5	4.7	4.7	1.8	0.79	0.52	1.1	0.95	3.8	4.0 B	26
27	10.2	2.1 B	10.6	6.6	5.7	1.6	0.95	1.1	0.97	0.9	3.6	16.4 B	27
28	8.4	2.2 B	9.4	24.3	24.3	14.6	0.98	1.2	0.91	0.92	8.9	16.4 B	28
29	4.8 B		11.8	16.0	14.9	10.3	1.4	0.74	0.84	3.4	7.6	10.1 B	29
30	4.2 B		20.7	8.5	9.4	3.6	0.94	0.51	0.69	7.7	4.8	5.0 B	30
31	3.9 B		23.0		19.4		0.79	0.51		6.7		4.7 B	31
TOTAL	426.1	200.4	694.3	512.0	329.4	132.1	33.5	26.09	23.98	52.73	135.0	124.0	TOTAL
MEAN	13.8	7.15	22.39	17.06	10.62	4.4	1.08	0.84	0.79	1.7	4.5	4.0	MEAN
AC-FT	849.13	397.49	1377.14	1015.55	653.36	262.02	66.44	51.74	47.56	104.58	207.77	245.75	AC-FT
MAX	48.4	70.4	66.8	81.6	30.2	14.6	2.6	2.9	2.2	7.7	11.1	16.4	MAX
MIN	2.9	2.1	2.4	4.7	3.7	1.6	0.5	0.39	0.37	0.64	2.0	1.6	MIN

SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 7.4 CFS
TOTAL DISCHARGE, 5340 AC-FT
MAXIMUM DAILY DISCHARGE, 82 CFS
MINIMUM DAILY DISCHARGE, 0.37 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 8.1 SQUARE MILES.
REMARKS: BROAD-CRESTED SHALLOW V-SHAPED
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

STALKER CREEK NEAR ORONO - STATION NO. 02HD233

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.5 B	10.8 B	20.8 B	35.3	6.0	3.4	5.3	2.2	1.2	2.6	2.4	2.2 B	01
02	4.3 B	7.2 B	13.0	76.1	5.0	2.7	3.5	2.0	1.1	2.5	2.2	2.4 B	02
03	4.1 B	5.1 B	10.2	27.3	4.7	2.5	52.2	1.8	1.9	2.1	2.0	2.5 B	03
04	3.9 B	3.4 B	35.2	102.0	4.5	2.2	13.1	7.0	1.7	1.9	3.1	2.1 B	04
05	3.0 B	2.2 B	12.0	25.4	3.9	2.0	5.7	4.3	1.2	1.8	2.8	1.8	05
06	3.7 B	1.8	30.8	14.1	6.7	1.9	3.7	2.4	0.95	1.7	3.2	2.1	06
07	3.5 B	1.9 B	31.8	13.2	5.8	1.8	3.4	1.8	0.8	2.4	2.6	2.4	07
08	3.4 B	1.8 B	11.1 B	10.8	4.7	1.6	2.3	1.5	0.76	2.2	2.3	12.8	08
09	3.3 B	1.8 B	5.9 B	8.1	12.0	1.6	1.9	1.3	0.76	2.0	2.1	8.6 B	09
10	3.1 B	1.8 B	5.5 B	7.7	11.0	1.6	3.7	1.2	0.79	2.1	2.1	4.4 B	10
11	3.0 B	1.8 B	5.2 B	7.5	6.3	1.5	2.3	1.2	0.81	1.8	2.1	3.3	11
12	2.9 B	1.8 B	4.9 B	9.3	27.2	1.6	1.7	1.2	0.99	1.8	4.0	7.8	12
13	2.8 B	1.8 B	4.5 B	15.6	29.2	1.5	1.4	1.5	1.4	1.8	5.6	7.6	13
14	2.8	1.8 B	4.2 B	25.4	13.1	1.5	1.5	1.1	1.0	6.1	6.0	5.6	14
15	3.0	1.9 B	4.0 B	29.3	15.4	3.4	3.3	0.97	0.86	4.9	4.3	4.6 B	15
16	3.0	1.9 B	4.1 B	12.8	16.3	7.6	1.9	0.88	0.81	2.9	3.1	8.9	16
17	2.6 B	1.9 B	4.0 B	9.7	47.2	3.3	1.4	0.94	0.79	2.6	3.3	10.8 B	17
18	2.4 B	1.8	3.9 B	8.6	13.6	4.0	1.5	0.98	0.82	2.3	3.4	6.5 B	18
19	2.3	2.0	4.0 B	7.1	8.4	13.1	1.4	0.83	0.79	2.0	3.0	4.9	19
20	2.5	2.1	3.9 B	6.2	6.5	20.1	1.2	0.76	0.74	1.9	14.8	4.3 B	20
21	3.9 B	2.2	4.0 B	6.0	5.6	6.1	1.1	0.77	0.69	1.8	21.7	4.0 B	21
22	6.8 B	3.1 B	4.1 B	14.1	5.0	3.6	0.98	0.7	0.75	1.8	7.3	3.9	22
23	9.1	16.1 B	5.0 B	23.0	4.6	2.5	1.0	0.74	0.73	1.9	4.8	4.1	23
24	10.8 B	8.6 B	4.5 B	14.9	3.9	2.1	1.2	0.88	0.75	1.8	6.8	5.3	24
25	9.4 B	5.3 B	4.3 B	9.4	4.6	2.3	3.0	0.78	1.1	1.8	5.4	5.2	25
26	8.7 B	3.4 B	4.2 B	7.4	4.2	2.3	2.5	0.72	1.7	1.8	3.6 B	4.2 B	26
27	120.0	3.3	4.0 B	6.2	4.1	2.1	3.5	6.0	1.2	1.7	2.9 B	3.6 B	27
28	38.3	11.8	3.9 B	5.6	4.5	1.9	2.4	2.8	2.9	1.7	2.5 B	3.7	28
29	20.6	3.8 B	6.3	6.3	6.1	6.0	3.3	1.8	14.2	1.6	2.4 B	4.0	29
30	16.8	6.6 B	6.8	6.8	4.9	8.2	6.7	1.5	4.2	2.3	2.3 B	4.8	30
31	20.0 B		48.4		3.8		2.9	1.3		2.8		4.1 B	31
TOTAL	331.5	140.4	425.8	551.2	330.8	116.0	140.98	53.85	48.39	70.4	134.1	152.7	TOTAL
MEAN	10.69	5.01	13.73	18.37	10.67	3.86	4.54	1.73	1.61	2.27	4.47	4.92	MEAN
AC-FT	057.53	278.48	844.57	1093.3	650.14	230.08	279.63	106.81	95.98	139.63	265.98	302.88	AC-FT
MAX	120.0	33.1	124.0	102.0	57.2	20.1	52.2	7.0	14.2	6.1	21.7	12.8	MAX
MIN	2.4	1.8	3.8	5.6	3.8	1.5	0.98	0.7	0.69	1.6	2.0	1.8	MIN

SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 6.8 CFS
TOTAL DISCHARGE, 4950 AC-FT
MAXIMUM DAILY DISCHARGE, 124 CFS
MINIMUM DAILY DISCHARGE, 0.69 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 8.1 SQUARE MILES.
REMARKS: BROAD-CRESTED SHALLOW V-SHAPED
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

STALKER CREEK NEAR ORONO - STATION NO. 02HD233

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.8	2.0 B	4.5 B	6.3 B	6.0	6.6	1.1	0.51	1.3	0.96	1.5	6.9	01
02	3.6 B	1.9 B	3.9 B	6.7 B	6.3	3.4	1.5	0.47	1.1	1.2	2.9	2.9 B	02
03	3.3	1.8 B	3.3 B	6.6 B	5.0	2.5	0.48	1.4	0.73	1.0	2.2	2.4 B	03
04	3.7	1.8 B	3.1 B	6.0 B	10.8	2.2	0.42	0.73	0.64	0.89	2.0	2.2 B	04
05	3.4 B	1.8 B	3.0 B	6.6 B	24.3	2.2	0.41	0.46	0.56	0.87	1.4	2.3	05
06	3.1	1.8 B	3.0 B	6.6 B	10.8	3.6	0.41	0.45	0.52	0.82	1.3	11.7	06
07	3.5	1.8 B	3.0 B	7.2	7.9	2.5	0.42	0.43	0.51	0.77	1.3	4.3	07
08	4.9	1.8 B	2.9 B	12.5	3.7	2.1	0.42	0.4	0.47	0.73	1.6	2.4	08
09	46.0	1.8 B	2.9 B	17.3 B	4.6	1.7	0.41	0.36	0.36	0.71	1.4	1.9	09
10	18.7	1.8 B	2.8 B	14.6 B	3.9	1.4	0.52	0.35	0.36	0.76	8.1	2.2	10
11	30.1	1.7 B	2.8 B	11.0 B	3.6	1.3	2.0	0.54	0.51	0.96	4.8	2.3	11
12	9.7 B	1.7 B	4.7 B	11.9 B	3.5	6.1	1.0	0.43	4.1	0.93	2.6	2.1	12
13	4.3 B	1.7 B	14.2 B	11.5	3.9	3.7	0.8	0.39	1.5	1.0	2.1	2.2	13
14	3.6 B	1.7 B	9.0 B	12.9	3.4	2.9	0.68	0.36	1.1	1.4	1.7	2.9	14
15	3.3 B	1.7	7.1 B	14.6	2.9	2.4	0.53	0.36	0.84	1.1	1.5	27.8	15
16	3.0 B	1.7	15.8 B	15.4	3.6	4.6	0.48	0.36	0.95	0.97	1.4	6.0 B	16
17	2.8 B	1.8	32.0 B	16.1	2.9	2.5	0.44	0.35	0.97	0.89	1.4	2.8 B	17
18	2.6 B	17.6 B	41.2	17.3	2.5	1.6	0.41	0.31	1.7	2.3	1.3	2.0 B	18
19	2.4 B	7.6 B	111.0	111.0	2.5	3.9	0.83	0.31	7.4	2.0	1.4	1.5 B	19
20	2.2 B	6.0 B	52.4	23.5	2.4	3.4	1.6	0.3	5.6	1.6	1.4	1.4 B	20
21	2.0 B	4.6 B	15.0	13.5	4.2	1.8	3.6	0.33	3.9	1.6	2.1	1.3 B	21
22	2.0 B	15.3 B	52.6	10.3	3.3	1.5	1.3	0.32	2.1	1.3	2.2	1.3 B	22
23	2.0 B	65.1	23.3	9.3	2.4	1.1	0.82	0.31	2.3	1.2	1.6	1.3 B	23
24	2.3	260.0	27.9	33.1	2.1	0.91	0.97	1.0	1.7	1.0	1.4	1.3 B	24
25	4.5	44.3	37.4	14.8	1.8	0.88	0.97	1.1	1.4	0.97	1.3	1.3 B	25
26	11.3 B	9.0 B	7.2 B	10.6	1.8	0.95	0.66	0.88	1.3	0.94	1.1	1.3 B	26
27	5.1 B	8.4 B	3.8 B	8.1	1.9	1.3	1.4	0.71	1.2	0.9	5.4	1.2 B	27
28	3.9 B	5.2 B	6.1 B	7.2	1.6	0.99	2.7	0.5	1.1	0.88	4.4	1.2 B	28
29	3.3 B		12.0	6.8	1.4	0.67	1.1	0.54	0.96	0.86	2.6	1.2	29
30	2.8 B		9.2 B	6.0	3.7	0.58	0.96	2.4	0.96	0.79	3.1	2.9	30
31	2.4 B		6.8 B		10.3		0.79	1.1		0.77		7.0 B	31
TOTAL	199.6	472.0	523.9	455.9	453.3	71.28	30.13	18.46	48.14	33.07	68.5	111.5	TOTAL
MEAN	6.43	16.85	16.9	15.19	4.94	2.37	0.97	0.59	1.6	1.06	2.28	3.59	MEAN
AC-FT	393.9	936.21	1039.15	904.27	304.07	141.38	59.76	36.61	95.48	65.59	135.86	221.16	AC-FT
MAX	46.0	260.0	111.0	111.0	24.3	6.6	3.6	2.4	7.4	2.3	8.1	27.8	MAX
MIN	2.0	1.7	2.8	6.0	1.4	0.58	0.41	0.3	0.36	0.71	1.1	1.2	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 6.0 CFS
TOTAL DISCHARGE, 4340 AC-FT
MAXIMUM DAILY DISCHARGE, 260 CFS
MINIMUM DAILY DISCHARGE, 0.30 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 8.1 SQUARE MILES.
REMARKS: BROAD-CRESTED SHALLOW V-SHAPED
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.0 B	1.7 B	27.2 B	53.9	5.2	9.6				1.1	2.3	0.83B	01
02	2.4 B	1.8 B	16.4 B	22.9	5.3	5.2				1.1	1.5	0.83B	02
03	2.3 B	1.8 B	14.6 B	16.0	10.6	3.5				0.97	1.9	0.83B	03
04	2.2 B	1.7 B	14.2 B	12.4	6.5	2.8				1.1	1.5	0.83B	04
05	2.2 B	1.8 B	29.3 B	9.7	5.4	2.4				0.99	1.6	0.83B	05
06	2.1 B	1.8 B	31.2 B	8.8	9.1	1.9				0.84	1.6	0.91B	06
07	2.1 B	1.8 B	18.3 B	7.7	45.4	1.7				2.2	1.5	0.91B	07
08	2.0 B	1.9 B	13.0 B	6.9	17.1	1.8				1.9	1.3	0.91B	08
09	2.0 B	1.9 B	11.0 B	6.3	9.6	1.6				2.0	1.2	0.91B	09
10	1.9 B	1.9 B	10.3 B	6.3	7.3	1.4				3.9	1.5	0.91B	10
11	1.9 B	2.2 B	9.7 B	5.7	9.2	1.4			1.5	2.1	1.7	0.91B	11
12	1.8 B	2.0 B	9.0 B	4.6	15.9	1.1			1.3	1.7	1.7	0.91B	12
13	1.7 B	1.8 B	18.1 B	5.3	7.5	1.2			1.1	1.5	1.6	0.91B	13
14	1.7 B	1.8 B	17.5 B	5.0	6.5	3.5			1.5	1.4	1.8	0.99B	14
15	1.7 B	1.9 B	9.6 B	13.8	7.8	2.3			0.95	1.3	1.6	0.83B	15
16	1.7 B	2.5	8.5 B	31.0	14.5	2.3			0.81	1.2	1.9	0.83B	16
17	1.7 B	2.4	7.0 B	12.1	57.1	3.7			0.9	1.1	1.5	0.75B	17
18	1.7 B	2.7	6.3 B	8.2	19.4	2.2			1.2	1.1	1.7	0.75B	18
19	1.7 B	40.3	13.4	6.4	17.3	2.0			1.1	1.1	1.8	0.75B	19
20	1.6 B	35.8	68.5	5.2	19.5	3.0			1.2	1.7	1.8	1.1 B	20
21	1.6 B	22.8	100.0	4.7	9.0	1.9			2.2	3.7	1.2	0.6 B	21
22	1.6 B	62.1	25.9 B	7.9	6.9	3.8			1.6	2.6	1.2	0.6 B	22
23	1.6 B	24.1 B	25.9 B	11.4	5.9	3.1			1.9	2.2	1.3	0.6 B	23
24	1.6 B	20.2 B	51.3	6.5	5.0	1.9			1.9	2.0	1.4	0.6 B	24
25	1.6 B	29.5 B	67.3	34.0	5.2	6.9			1.4	2.2	1.3	0.52B	25
26	30.5 B	49.0	32.1	29.6	4.8	4.0			1.3	2.8	2.9	0.52B	26
27	26.7 B	55.0	50.4	17.4	4.5				2.1	1.7	9.9	0.52B	27
28	3.9 B	40.7	36.8	11.7	3.8				1.7	1.6	5.1	0.48B	28
29	2.3 B	29.1	18.2	8.0	3.4				1.3	1.6	2.3 B	0.48B	29
30	1.8 B		18.3	6.0	3.0				1.2	1.5	1.1 B	0.48B	30
31	1.7 B		46.5		7.6					1.6		0.48B	31
TOTAL	114.3	444.0	825.8	385.4	355.3					53.8	60.7	23.31	TOTAL
MEAN	3.68	15.31	26.63	12.84	11.46					1.73	2.02	0.75	MEAN
AC-FT	226.71	880.67	1637.97	764.44	704.73					106.71	120.39	46.23	AC-FT
MAX	30.5	62.1	100.0	53.9	57.1					3.9	9.9	1.1	MAX
MIN	1.6	1.7	6.3	4.6	3.0					0.84	1.1	0.48	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 100 CFS
MINIMUM DAILY DISCHARGE, 1.60 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 8.1 SQUARE MILES.
REMARKS: BROAD-CRESTED SHALLOW V-SHAPED
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

STALKER CREEK NEAR ORONO - STATION NO. 02HD233

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.48B	0.42B	1.4	8.0 E	3.4	1.8	0.92	0.2	0.62	14.6	2.4	59.6	01
02	0.48B	0.42B	1.4	11.0 E	4.0	1.3	0.63	0.14	7.8	15.0	2.4	25.3	02
03	0.48B	0.44B	1.5	30.0 E	3.1	0.91	0.46	0.13	4.8	7.1	2.4	12.4	03
04	0.48B	0.43B	15.1	11.0 E	2.7	1.2	0.45	0.22	1.7	4.3	2.4	9.6 B	04
05	0.48B	0.41B	38.4	25.0 E	2.7	0.68	0.52	0.32	1.2	3.3	2.8	6.3 B	05
06	0.47B	0.39B	23.1	10.2	2.9	0.43	0.84	0.86	0.96	3.1	2.5	7.7 B	06
07	0.47B	0.38B	14.4	8.0	2.1	0.38	1.4	0.53	0.73	2.6	8.3	7.3 B	07
08	0.46B	0.39B	14.9	7.1	2.0	0.63	1.8	0.36	0.69	11.2	44.3	7.2 B	08
09	0.45B	0.41B		7.6	2.5	0.47	0.93	0.31	0.54	32.6	12.0	7.2 B	09
10	0.45B	0.42B		8.3	2.1	0.34	0.53	3.4	0.59	12.2	25.0	7.2 B	10
11	0.45B	0.46B		7.4	2.2	0.31	0.41	7.0	0.52	6.8	21.8	7.2 B	11
12	0.45B	0.5 B		6.7	2.0	0.38	0.42	1.4	0.47	5.9	8.9	7.2 B	12
13	0.45B	0.92B		6.2	1.6	0.37	0.46	0.75	0.98	4.8	0.1	7.1 B	13
14	0.44B	0.57B		5.5	1.5	0.3	0.4	0.74	2.8	4.2	4.9	27.7	14
15	0.44B	0.51B		4.5	0.97	0.3	0.33	0.51	1.4	4.1	5.5	32.2	15
16	0.43B	0.54B		4.0	0.94	0.29	0.31	2.7	3.0	4.6	15.3	25.9	16
17	0.43B	0.57B		3.6	0.98	0.37	0.47	11.6	7.4	4.0	44.4	21.5	17
18	0.39B	0.61B		3.4	1.0	1.4	0.33	1.8	2.9	3.5	18.7	16.8	18
19	0.4 B	0.64B		3.3	1.2	1.8	0.25	0.92	2.4	3.5	13.2	15.1	19
20	0.39B	0.66B		3.1	0.94	1.0	0.3	0.7	10.0	3.3	8.7	14.3	20
21	0.41B	0.7 B		3.4	0.78	1.2	0.25	0.56	7.1	3.1	9.5	20.5	21
22	0.4 B	0.71B		8.3	1.0	0.59	0.2	3.0	3.4	3.1	7.8	18.3	22
23	0.41B	0.71B		27.4	0.88	0.48	0.18	1.4	2.4	2.9	8.5	14.4	23
24	0.43B	1.1		25.2	0.54	0.44	0.19	1.3	2.1	2.6	18.2	13.1	24
25	0.42B	1.3		22.3	0.81	1.8	0.18	1.1	19.5	3.0	9.9	33.2	25
26	0.43B	1.2		11.4	0.47	1.5	0.13	0.63	15.1	2.7	19.3	19.3 B	26
27	0.42B	1.3		7.7	0.4	0.76	0.15	0.51	8.9	2.6	8.5 B	12.3 B	27
28	0.42B	1.3		5.9	0.38	0.48	0.61	0.48	4.5	2.5	6.0 B	9.2 B	28
29	0.43B			4.4	0.44	1.1	0.75	0.42	3.3	2.4	5.7	7.6 B	29
30	0.41B			3.8	0.47	1.2	0.14	0.4	3.0	2.3	6.4	6.8 B	30
31	0.43B				0.32		0.19	0.4		2.3		6.5 B	31
TOTAL	13.58	18.41		293.7	47.32	24.21	15.13	44.79	120.8	180.2	351.8	488.0	TOTAL
MEAN	0.43	0.65		9.79	1.52	0.8	0.48	1.44	4.02	5.81	11.72	15.74	MEAN
AC-FT	26.93	36.51		582.55	93.85	48.02	30.01	88.84	239.6	357.42	697.79	967.94	AC-FT
MAX	0.48	1.3		30.0	4.0	1.8	1.8	11.6	19.5	32.6	44.4	59.5	MAX
MIN	0.39	0.38		3.1	0.32	0.29	0.13	0.13	0.47	2.3	2.4	6.5	MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 59.6 CFS
MINIMUM DAILY DISCHARGE, 0.13 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 8.1 SQUARE MILES.
REMARKS: BROAD-CRESTED SHALLOW V-SHAPED
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

STALKER CREEK NEAR ORONO - STATION NO. 02HD233
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAY
													01
01	6.5 B	6.6 B	3.4 B	118.0	5.4	2.2							02
02	6.5 B	6.3 B	3.3 B	61.7	5.4	2.3							03
03	6.6 B	6.1 B	3.3 B	27.9	5.1	2.2							04
04	6.1 B	5.9 B	3.2 B	27.3	4.7	1.9							05
05	6.1 B	5.8 B	3.2 B	50.2	5.2	2.0							06
06	6.1 B	5.7 B	3.2 B	39.2	7.6	2.0							07
07	6.0 B	5.4 B	3.1 B	81.6	8.2	2.0							08
08	14.6 B	5.2 B	3.1 B	36.1	6.5	2.6							09
09	33.3 B	5.0 B	3.0 B	23.9	24.2	2.3							10
10	17.1 B	4.8 B	3.1 B	22.4	11.1	2.0							11
11	11.6 B	4.7 B	3.2 B	43.0	7.7	1.7							12
12	9.5 B	4.7 B	3.4 B	39.6	7.7	1.5							13
13	8.9 B	4.6 B	3.7 B	32.7	10.5	2.7							14
14	8.6 B	4.5 B	8.3 B	23.4	41.5	2.2							15
15	8.2 B	4.3 B	19.1 B	16.3	37.9	1.6							16
16	7.3 B	4.0 B	16.6 B	15.2	15.6								17
17	7.3 B	4.0 B	12.3 B	14.9	13.2								18
18	6.7 B	3.9 B	9.9 B	13.5	10.8								19
19	6.4 B	3.9 B	8.6 B	22.9	9.8								20
20	6.0 B	3.8 B	8.3 B	48.3	9.1								21
21	5.8 B	3.7 B	23.7	40.1	16.3								22
22	5.5 B	3.7 B	45.2	17.7	7.2								23
23	5.3 B	3.6 B	54.2	13.2	5.0								24
24	5.4 B	3.6 B	48.1	11.3	4.8								25
25	5.8 B	3.5 B	28.0	9.5	4.1								26
26	14.6 B	3.5 B	15.1	8.5	3.5								27
27	12.9 B	3.4 B	12.5	8.0	3.3								28
28	11.1 B	3.4 B	13.7	6.9	3.0								29
29	9.3 B		19.2	6.1	2.6								30
30	8.1 B		34.8	5.6	2.4								31
31	7.6 B		54.2		2.4								ICTAL
TOTAL	281.3	127.6	474.0	885.0	301.8								MEAN
MEAN	9.07	4.55	15.25	29.5	9.73								AC-FT
AC-FT	557.95	253.09	540.17	1755.39	598.62								MAX
MAX	33.3	6.6	54.2	118.0	41.5								MIN
MIN	5.3	3.4	3.0	5.6	2.4								

SUMMARY FOR THE YEAR 1978

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFSLOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 8.1 SQUARE MILES.
REMARKS: BROAD-CRESTED SHALLOW V-SHAPED
CONCRETE CONTROL. STATION DISCONTINUED JUNE 1978.B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOWORONO CREEK NEAR ORONO - STATION NO. 02HD234
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAY
01												3.4	01
02												3.4	02
03												3.0	03
04												3.4	04
05												3.2	05
06												3.1	06
07												3.3	07
08												4.5	08
09												4.2	09
10												3.8	10
11												12.5	11
12												7.1	12
13												5.2	13
14												4.6	14
15												4.1	15
16												3.7	16
17												3.6	17
18												3.9	18
19												3.7	19
20												3.8	20
21												3.7	21
22												3.6	22
23												4.1 E	23
24												3.3 F	24
25												3.5 F	25
26												3.5 F	26
27												3.5 E	27
28												3.5 E	28
29											3.7	3.5 E	29
30											3.5	3.5 E	30
31												3.5 E	31
TOTAL												127.5	TOTAL
MEAN												4.11	MEAN
AC-FT												252.89	AC-FT
MAX												12.5	MAX
MIN												3.1	MIN

SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFSLOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,
ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.8 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL.
WITH RECTANGULAR CENTRAL NOTCH.B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.3 E	3.7	3.2 B	9.4	8.0	4.4	3.7	4.6	3.9	4.1	8.8	4.1	01
02	3.3 E	4.9	3.4	20.3	7.1	5.1	3.8	4.0	3.6	4.4	5.7	3.9	02
03	3.5	5.3	3.4	24.7	6.4	5.2	3.7	3.9	3.6	4.7	4.6	3.8	03
04	3.5	4.1 B	4.7	16.7	6.0	5.0	3.7	3.5	3.8	4.1	4.1	5.5	04
05	3.5	3.8	7.2	14.1	5.6	4.9	3.5	3.5	3.6	4.4	3.7	4.2	05
06	3.4 B	3.7	7.0	15.1	5.4	5.0	3.1	3.5	3.5	4.3	3.5	3.8	06
07	3.4 B	3.6	6.8	18.0	5.2	5.1	2.9	3.5	3.2	4.4	3.4	3.2	07
08	3.3 B	3.6	5.1 B	19.6	6.6	4.9	2.7	3.5	3.2	4.3	3.3	3.5	08
09	3.2 B	3.8	4.4 B	17.5	6.8	4.7	2.7	3.2	4.2	4.2	3.4	8.3	09
10	3.0 B	3.8	4.0 B	11.1	5.9	4.6	5.8	2.3	4.0	3.9	4.6	7.2	10
11	2.9 B	3.9	4.0 B	8.1	5.5	5.8	4.0	3.0	3.8	4.0	4.0	4.7	11
12	2.7 B	3.6 B	4.3 B	7.7	5.2	6.0	3.3	3.0	3.7	4.3	4.4	3.7	12
13	2.5 B	3.2 B	5.3	7.8	5.2	4.6	2.9	2.9	3.8	4.9	4.0	3.8	13
14	2.4 B	3.1 B	5.8	7.9	5.1	4.3	3.7	3.0	3.9	5.4	3.7	3.8	14
15	2.6 B	3.4	5.1 B	7.5	5.9	4.2	5.3	3.3	3.8	4.3	3.8	3.8	15
16	3.1	3.3	4.6 B	7.0	16.4	4.3	4.9	3.3	4.4	4.0	3.7	3.9	16
17	3.2	3.4	5.1 B	6.7	15.6	5.2	4.4	3.0	4.0	3.9	3.6	4.0	17
18	3.3 B	3.4	10.6	9.0	8.4	5.1	3.9	2.9	4.7	3.8	3.7	4.1	18
19	3.2 B	3.4	21.6	8.0	6.7	4.6	3.8	3.9	4.4	3.9	3.6	4.4	19
20	3.1 B	3.3	23.4	25.0	5.7	4.3	7.8	4.2	4.2	4.0	7.2	4.4	20
21	3.0 B	3.2 B	25.4	16.8	5.1	4.0	6.0	3.6	4.1	5.5	5.6	3.9	21
22	2.9 B	3.5	25.9	12.4	7.2	3.5	4.7	3.5	4.0	7.0	4.5	3.9	22
23	2.7 B	3.3 B	25.8	10.6	6.5	3.3	4.3	3.4	3.9	4.3	4.1	3.6	23
24	2.9 B	3.5	22.8	13.3	5.5	3.2	4.1	3.1	3.9	3.9	3.0	4.0	24
25	3.2	3.4 B	22.6	14.4	5.6	3.3	4.1	3.0	4.1	3.7	3.4	4.0	25
26	3.3	3.5 B	29.0	10.0	7.0	3.8	4.0	3.2	4.2	3.5	3.6	4.0	26
27	3.3	3.3	20.6	8.4	5.3	9.0	3.9	3.1	4.7	3.5	3.9	3.9	27
28	3.3	3.2	13.8	7.5	5.0	4.1	3.7	3.4	4.4	3.4	6.1	5.7	28
29	4.2		8.8 B	6.8	4.5	4.1	3.8	3.5	4.3	3.2	4.7	3.6	29
30	3.6 B		6.7 B	6.5	4.4	3.9	3.7	4.2	4.2	5.0	4.3	3.6 E	30
31	3.9		7.0 B		4.4		3.8	4.7		11.5		3.6 E	31
TOTAL	98.7	101.2	347.4	367.9	203.2	139.5	125.7	106.7	119.3	140.4	131.2	129.9	TOTAL
MEAN	3.18	3.61	11.2	12.26	6.55	4.65	4.05	3.44	3.97	4.52	4.37	4.19	MEAN
AC-FT	195.77	200.73	689.06	729.72	403.04	276.69	249.32	211.63	236.63	278.48	260.23	257.65	AC-FT
MAX	4.2	5.3	29.0	25.0	16.4	9.0	7.8	4.7	4.7	11.5	8.0	8.3	MAX
MIN	2.4	3.1	3.2	6.5	4.4	3.2	2.7	2.3	3.2	3.2	3.3	3.2	MIN

SUMMARY FOR THE YEAR 1970
 MEAN DISCHARGE, 5.5 CFS
 TOTAL DISCHARGE, 3990 AC-FT
 MAXIMUM DAILY DISCHARGE, 29.0 CFS
 MINIMUM DAILY DISCHARGE, 2.3 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,
 ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 6.8 SQUARE MILES.
 REMARKS: BROAD-CRESTED CONCRETE CONTROL
 WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
 E - ESTIMATED
 NATURAL FLOW

ORONO CREEK NEAR ORONO - STATION NO. 02HD234
 DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.6 E	3.3 E	16.2	17.3	6.5	3.0 E	4.2	3.7	3.6	3.6	2.5	3.2	01
02	3.7 E	3.3	11.8	76.4	7.4	4.8 E	3.6	3.5	3.6	3.6	2.6	3.2 E	02
03	3.9 E	3.3	7.4	31.7	6.7	20.8 E	3.1	3.3	3.6	3.6	2.4	3.5 E	03
04	4.4 E	3.4	5.9	16.7	5.9	8.3 E	2.8	3.4	3.5	3.7	2.5	3.5 E	04
05	5.8 E	4.4	6.0	16.8	5.4	6.6	3.2	3.3	3.6	3.4	2.4	3.2 E	05
06	3.2 E	4.8	5.7	26.1	5.3	6.2	10.7	3.3	3.6	3.8	2.5	4.8 F	06
07	3.5 E	4.1	5.7	39.2	5.0	6.1	5.1	3.3	3.5	3.5	2.9	6.3 E	07
08	3.5 E	3.9	4.6 B	30.3	5.2	6.4	4.5	3.2	3.2	3.5	2.5	4.7 E	08
09	3.5 E	3.8	3.7 B	54.8	5.9	5.9	4.0	2.9	3.3	4.6	2.5	6.8	09
10	3.6 E	3.7	4.6 B	43.9	5.0	5.3	3.7	3.3	3.2	6.2	2.9	8.7	10
11	3.7 E	3.7	4.7	29.7	4.5	5.2	3.5	3.5	3.4	4.8	3.1	7.1	11
12	3.7 E	3.8	4.8	23.3	5.7	5.3	3.3	3.3	3.4	4.1	2.9	4.9	12
13	3.6 B	3.8 B	4.5	30.2	5.7 E	11.0	4.1	3.2	3.8	4.1	2.9	4.4	13
14	3.7	3.5 B	4.7	20.9	4.4 E	6.9	3.7	3.5	3.8	5.8	2.8	4.1	14
15	3.6 B	4.1 B	9.4	14.0	3.9 E	5.9	3.3 E	3.5	3.7	4.9	3.3	8.1	15
16	3.8	3.7	23.3	13.1	3.9 E	5.5	3.1 E	3.1	3.6	4.2	3.0	7.5	16
17	3.7 B	3.7	19.4	12.3	3.9 E	5.2	3.2 E	2.9	3.7	4.0	2.8	5.2	17
18	3.3 E	3.8	14.7	11.2	3.9 E	5.0	3.5 E	2.9	3.6	4.4	2.9	3.9 B	18
19	3.3 E	3.8	13.2	10.9	3.9 E	5.0	3.5 E	3.0	3.8	4.0	4.1	3.9 B	19
20	3.3 E	4.7	9.8	10.1	4.1 E	4.9	3.5 E	3.0	7.9	3.7	4.3	4.9	20
21	3.3 E	5.3	7.5	9.4	4.8 E	4.7	3.5 E	3.4	6.3	2.8	4.6	4.7	21
22	3.3 E	4.8	7.0	8.4	4.1 E	4.2	3.4 E	3.6	4.6	2.7	3.6	3.8	22
23	3.3 E	6.4	6.6	7.4	3.9 E	4.2	3.5 E	4.8	4.3	2.7	3.3	4.0	23
24	3.3 E	5.9	6.0	7.2	4.1 E	4.8	3.5 E	3.6	3.9	2.7	3.2	6.2	24
25	3.3 E	5.3	5.9	7.3	4.6 E	5.5	3.0 E	3.6	3.8	4.3	3.3	5.0	25
26	3.3 E	5.3	5.8	7.1	4.2 E	5.2	3.5 E	5.2	3.7	3.4	3.5	4.5	26
27	3.3 E	13.7	6.2	6.6	4.2 E	4.9	3.4 E	6.9	3.5	3.0	4.2	4.2	27
28	3.3 E	18.8	6.8	6.7	4.2 E	7.2	3.6 E	5.3	4.0	2.8	4.9	4.2	28
29	3.3 E		6.6	7.8	3.5 E	5.1	3.8 E	4.4	4.1	2.6	3.9	3.9	29
30	3.3 E		7.1	7.0	3.3 E	4.4	4.1 E	3.9	3.7	2.6	3.7	3.0	30
31	3.3 E		9.7		3.2 E		4.1	3.6		2.6		3.7 B	31
TOTAL	110.7	142.1	255.3	603.8	146.3	183.5	119.6	113.6	117.3	116.3	90.0	144.1	TOTAL
MEAN	3.57	5.07	8.23	20.12	4.71	6.11	3.85	3.66	3.91	3.75	3.2	4.8	MEAN
AC-FT	219.57	281.85	506.38	1197.63	290.18	363.97	237.22	225.32	232.66	230.68	190.41	295.73	AC-FT
MAX	5.8	18.8	23.3	76.4	7.4	20.8	10.7	6.9	7.9	8.2	4.9	8.7	MAX
MIN	3.2	3.3	3.7	6.6	3.2	3.0	2.8	2.9	3.2	2.6	2.4	3.0	MIN

SUMMARY FOR THE YEAR 1971
 MEAN DISCHARGE, 5.9 CFS
 TOTAL DISCHARGE, 4270 AC-FT
 MAXIMUM DAILY DISCHARGE, 76.4 CFS
 MINIMUM DAILY DISCHARGE, 2.0 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,
 ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 6.8 SQUARE MILES.
 REMARKS: BROAD-CRESTED CONCRETE CONTROL
 WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
 E - ESTIMATED
 NATURAL FLOW

ORONO CREEK NEAR ORONO - STATION NO. 02HD234
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	UCT	NOV	DEC	DAY
01	3.9	3.5	3.9 B	31.4	6.5	5.5	5.3	4.8	5.3	6.6	4.8	5.4	01
02	4.0	3.4	4.6 B	35.6	9.1	5.9	4.7	9.6	5.5	6.1	7.2	4.7	02
03	3.8	3.5	4.0 B	54.9	16.1	4.9	4.5	8.6	5.5	6.2	6.6	4.9	03
04	3.8	3.3	3.9 B	34.9	8.6	5.1	4.2	6.4	5.5	5.7	5.4	4.1	04
05	3.4	3.5 B	3.8 B	17.4	7.5	3.8	3.9	5.8	5.3	3.1	5.3	4.4	05
06	3.7 B	3.5	3.7 B	12.5	7.5	3.6	3.7	5.8	5.3 E	4.8	4.9	18.1	06
07	3.7	3.0 B	3.9 B	9.7	8.2	3.5	3.5	7.5	5.2 E	5.9	5.1	7.1	07
08	3.7	2.9 B	4.2 B	9.0	7.1	3.9	3.4	9.6	12.7	4.3	18.7	5.7	08
09	4.1	3.4 B	3.9 B	12.7	6.3	5.3	3.3	10.9	6.4	3.9	10.0	5.7	09
10	5.3	2.8 B	3.9 B	26.7	5.7	4.0	3.5	7.8	5.3	3.8	6.9	5.8	10
11	4.7	3.1 B	4.0 B	132.0	5.6	3.8	3.5	6.5	5.0	3.7	6.5	5.1	11
12	4.3	3.5	4.4	98.4	5.4	3.8	3.2	6.4	4.9	3.8	6.1	5.7	12
13	4.2	4.4	4.5	209.0	5.3	3.7	3.9	6.1	5.0	3.8	5.7	59.7	13
14	3.9 B	11.4	4.3	41.4	7.0	3.6	6.1	5.8	4.9	3.8	5.3	14.3	14
15	3.5 B	9.7	4.1	28.5	8.0	3.8	10.9	5.5	4.4	3.8	5.2	7.3	15
16	3.5 B	6.6 B	4.7	26.3	7.5	3.6	12.6	5.2	4.1	3.7	5.0	6.0	16
17	3.7	5.6 B	7.3	54.2	8.1	3.4	5.5	5.5	4.1	3.7	5.2	5.9	17
18	3.6	4.7 B	8.5	22.3	6.7	3.3	4.4	5.0	4.0	3.6	5.5	6.2	18
19	7.1	4.6	6.4 B	17.7	5.7	3.3	4.9	4.6	4.0	3.7	5.4	6.0	19
20	5.4	6.4 B	6.3 B	18.4	5.2	3.3	4.2	4.3	3.7	3.6	5.8	5.9	20
21	4.1	5.9 B	6.1	12.3	5.0	4.6	4.5	4.0	3.3	3.7	5.2	5.4	21
22	4.4	4.1 B	21.9	17.5	4.2	8.0	5.6	4.3	3.4	4.5	4.8	5.4	22
23	15.6	3.7 B	30.9	16.7	3.3	8.5	7.4	7.5	3.9	16.8	4.7	5.4	23
24	6.6	4.2 B	19.5	11.8	3.2	10.2	7.5	7.2	4.2	7.8	4.9	5.8	24
25	10.1 B	3.8 B	13.2 B	9.4	3.0	6.6	7.2	8.2	3.9	6.0	5.3	6.2	25
26	5.3 B	3.9 B	7.8 B	6.9	3.1	5.9	6.2	5.8	4.2	5.2	10.3	6.5	26
27	4.3	3.9 B	7.0 B	7.2	3.0	5.9	5.7	8.3	4.1	4.8	8.9	6.4	27
28	4.2	3.8 B	6.8 B	7.2	3.0	5.1	5.3	7.6	5.0	5.1	6.4	5.6	28
29	3.8	3.9 B	9.5	6.8	2.7	4.7	5.2	6.3	5.4	8.1	5.4	4.6	29
30	3.6		19.8	6.6	4.1	5.5	5.1	5.8	10.4	6.2	5.1		30
31	3.3 B		25.8		6.0		4.8	5.4		5.1			31
TOTAL	148.6	130.0	262.6	995.4	187.7	146.1	163.7	200.1	153.9	160.9	191.6	239.3	TOTAL
MEAN	4.79	4.48	8.47	33.18	6.05	4.87	5.28	6.45	5.13	5.19	6.38	8.25	MEAN
AC-FT	294.74	257.85	520.86	1974.37	372.3	289.78	324.69	396.89	305.26	319.14	380.03	474.65	AC-FT
MAX	15.6	11.4	30.9	209.0	16.1	10.2	12.6	10.9	12.7	16.8	18.7	59.7	MAX
MIN	3.3	2.8	3.7	6.6	2.7	3.3	3.2	4.0	3.3	3.1	4.7	4.1	MIN

SUMMARY FOR THE YEAR 1972
MEAN DISCHARGE, 8.2 CFS
TOTAL DISCHARGE, 5910 AC-FT
MAXIMUM DAILY DISCHARGE, 209.0 CFS
MINIMUM DAILY DISCHARGE, 2.7 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,
ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.8 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

ORONO CREEK NEAR ORONO - STATION NO. 02HD234
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	31.2	4.5 B	4.6	74.4	7.2	10.5	5.8	6.2	4.0	3.1	7.2	3.0 E	01
02	10.6 B	154.0	8.2	35.4	8.4	9.0	5.3	4.9	4.1	3.7	4.9	2.7 E	02
03	7.2 B	45.6	64.9	33.3	13.4	7.9	5.1	4.4	4.0	4.8	5.2	2.7 E	03
04	13.7	9.5	152.0	20.6	8.6	7.7	5.1	4.1	3.6	4.0	3.8	2.9 E	04
05	9.8	7.7	12.3	22.7	7.7	9.5	5.3	3.9	3.8	4.3	3.5	2.9 E	05
06	4.6 B	6.9	35.0	12.4	6.6	8.3	4.8	3.9	3.6	3.7	3.4	3.3 E	06
07	4.0 B	6.8	50.7	10.0	6.1	12.9	4.7	3.6	3.5	3.7	3.5	2.8 E	07
08	3.8 B	6.4	19.0	8.6	8.5	8.1	4.4	3.5	3.6	3.6	3.7 E	2.5 E	08
09	3.9 B	4.8 B	9.4	7.9	18.2	7.3	4.1	3.5	3.5	3.6	3.5 E	2.4 E	09
10	4.1 B	4.8 B	9.9	8.2	9.9	6.7	4.1	3.7	3.5	3.5	3.1 E	2.5 E	10
11	4.3 B	3.9 B	40.8	8.0	16.0	6.4	4.0	3.8	2.6	3.4	3.1 E	2.7 E	11
12	4.2	4.4 B	20.0	7.4	10.7	6.5	4.1	3.7	2.5	3.2	3.1 E	2.5 E	12
13	4.2	4.5	10.9	6.9	8.4	6.2	4.1	3.7	2.5	3.2	3.1 E	2.6 E	13
14	4.4	4.7	9.9	6.6	7.5	5.8	4.3	3.6	2.5	3.6	3.1 E	2.6 E	14
15	4.5	4.9	14.8	6.5	7.6	5.9	4.1	3.6	2.5	3.0	4.4 E	2.5 E	15
16	4.5	4.0 B	11.5	6.6	7.5	6.1	3.8	3.3	2.6	2.9	4.2 E	2.3 E	16
17	4.7	4.2 B	54.9	6.9	7.6	6.0	3.8	3.5	2.6	3.0	3.2 E	2.2 E	17
18	17.3	4.2	14.2	6.3	7.0	5.9	3.7	8.3	4.3	3.0	3.4 E	2.5 E	18
19	61.3	4.5	8.1	6.6	6.3	5.1	3.7	5.3	3.1	3.2	3.3 E	2.5	19
20	17.8	4.7	7.7	6.3	6.0	4.5	3.8	4.6	3.1	3.8	3.0 E	3.0	20
21	7.0	4.8	7.4	6.0	6.2	4.7	4.0	4.3	3.2	4.1	3.2 E	3.1	21
22	28.3	4.8	7.1	7.4	5.7	5.3	3.8	4.2	3.9	4.0	3.4 E	3.2	22
23	33.0	4.8 B	8.2	7.2	5.4	5.3	3.4	4.1	4.2	3.9	3.1 E	3.3	23
24	10.5	4.6 B	8.6	6.3	5.5	5.8	3.2	4.0	3.8	3.3	3.2 E	3.0 B	24
25	7.6	4.7 B	8.5	5.7	5.3	5.4	3.6	4.1	3.4	2.9	3.5 E	3.4 B	25
26	7.9	4.5 B	8.1	5.5	6.0	5.1	4.0	4.2	3.2	2.9	3.0 E	4.7 B	26
27	8.0	4.2 B	7.0	7.3	6.1	5.1	4.1	4.9	3.2	2.8	3.1 E	7.1	27
28	7.2	4.4 B	6.7	15.2	17.0	15.0	4.2	4.4	3.2	2.9	4.0 E	6.2	28
29	5.1 B		7.4	10.4	11.9	12.3	4.6	4.1	3.2	4.4	3.6 E	5.3	29
30	4.9 B		11.5	7.2	9.5	6.7	3.9	4.0	3.0	6.2	3.4 E	4.7	30
31	4.2 B		10.7		14.3		3.9	4.1		5.1		4.2	31
TOTAL	344.0	331.8	650.0	379.8	272.1	217.0	130.8	131.5	99.8	112.8	109.2	101.3	TOTAL
MEAN	11.09	11.85	20.96	12.66	8.77	7.23	4.21	4.24	3.32	3.63	3.64	3.26	MEAN
AC-FT	682.32	658.12	1289.27	753.33	539.71	430.41	259.44	260.83	197.95	223.73	216.59	200.92	AC-FT
MAX	61.3	154.0	152.0	74.4	18.2	15.0	5.8	8.3	4.3	6.2	7.2	7.1	MAX
MIN	3.8	3.9	4.6	5.5	5.3	4.5	3.2	3.3	2.5	2.8	3.0	2.2	MIN

SUMMARY FOR THE YEAR 1973
MEAN DISCHARGE, 7.9 CFS
TOTAL DISCHARGE, 5710 AC-FT
MAXIMUM DAILY DISCHARGE, 154.0 CFS
MINIMUM DAILY DISCHARGE, 2.2 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,
ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.8 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.7	5.3 B	14.7	48.5	9.0	8.3	7.9	5.5	4.0	3.1	3.6	3.6 B	01
02	3.6	3.9 B	7.6	108.0	6.9	7.7	7.2	5.5	3.9	3.4	3.5	3.6	02
03	3.7	3.5 B	7.8	21.6	6.8	7.5	43.5	5.3	5.1	3.3	3.6	3.9 B	03
04	3.3 B	3.2 B	32.6	88.8	6.5	7.4	11.5	9.2	4.3	3.2	3.9	3.7 B	04
05	3.3 B	3.0 B	134.0	20.3	6.2	7.3	8.1	6.2	3.9	3.2	3.7	3.5	05
06	3.3 B	2.9	21.3	12.6	6.4	7.0	7.2	5.6	3.8	3.2	3.7	3.5	06
07	3.2 B	3.1	15.8	11.8	7.5	6.8	6.7	5.5	3.7	3.6	3.5	3.6	07
08	2.9 B	3.1	7.2 B	9.9	6.8	6.8	6.1	5.4	3.7	3.3	3.4	8.0	08
09	2.8 B	3.1	5.8 B	8.3	12.1	7.0	5.9	5.4	3.8	3.4	3.3	5.4 B	09
10	3.2	3.0	5.7	8.0	10.0	6.7	7.1	5.2	3.8	3.3	3.4	4.2	10
11	3.2	3.1	5.7 B	8.0	7.6	6.6	5.8	5.1	3.6	3.2	3.4	3.9	11
12	3.0 B	3.1	5.5 B	9.3	6.8	6.8	5.3	5.5	4.1	3.3	4.7	6.4	12
13	2.9 B	3.2	5.1 B	13.0	21.9	6.5	5.3	5.2	4.3	3.3	4.5	5.5	13
14	3.1	3.1 B	4.7 B	23.7	12.4	6.5	6.1	4.4	4.0	5.6	5.0	4.0	14
15	3.3	2.8 B	4.4 B	21.9	15.6	10.0	7.1	4.4	3.9	4.3	4.1	4.5	15
16	3.3	3.0	4.4	11.5	18.0	11.0	5.2	4.2	3.8	3.7	3.8	6.8	16
17	2.9 B	3.0	4.2	9.2	5.8	7.7	5.0	4.7	3.8	3.7	4.0	6.1 B	17
18	3.0 B	2.9	4.7 B	8.4	13.7	9.4	5.2	4.6	3.8	3.4	3.9	5.2 B	18
19	3.1	3.0	4.9 B	7.7	9.8	17.9	5.1	4.3	3.7	3.4	3.8	4.7	19
20	3.1	3.1	4.7 B	7.4	8.2	16.8	4.8	4.4	3.7	3.4	9.5	4.4 B	20
21	4.5	3.1	4.5 B	7.3	7.6	9.3	4.5	4.1	3.6	3.3	9.6	4.2	21
22	5.3	17.2	4.4 B	14.7	7.3	7.9	4.2	3.8	3.7	3.3	5.2	4.1	22
23	6.0	10.8	4.6 B	17.7	7.2	7.2	4.3	3.9	3.5	3.3	4.6	4.3	23
24	5.6	5.2 B	4.2 B	13.0	6.7	6.9	5.3	4.1	3.7	3.4	5.3	4.7	24
25	4.6	3.8 B	4.0 B	9.3	7.2	7.1	5.5	3.8	4.5	3.4	4.6	4.6	25
26	4.4	3.9 B	4.1 B	8.1	6.9	6.9	6.3	3.7	4.6	3.4	4.0 B	4.2 B	26
27	98.6	3.6 B	4.3 B	7.4	6.9	6.5	5.9	8.6	4.0	3.3	3.8 B	4.1	27
28	14.2	15.6	4.4 B	7.1	7.1	6.2	5.1	5.0	5.3	3.3	3.7	4.1	28
29	7.6		4.1 B	7.9	11.3	10.3	6.9	4.4	9.3	3.3	3.7 B	4.1	29
30	7.0		11.6	8.1	9.8	9.9	8.7	4.2	5.3	3.8	3.6 B	4.2	30
31	7.9		78.8		8.8		5.8	4.1		3.7		4.0 B	31
TOTAL	229.6	127.6	429.8	558.5	391.8	249.9	228.6	155.3	126.2	107.8	130.4	141.9	TOTAL
MEAN	7.4	4.55	13.86	18.61	12.63	8.33	7.37	5.0	4.2	3.47	4.34	4.57	MEAN
AC-FT	455.41	253.09	852.5	1107.78	777.13	495.67	453.42	308.03	250.31	213.82	258.64	281.45	AC-FT
MAX	98.6	17.2	134.0	108.0	62.8	17.9	43.5	9.2	9.3	5.6	9.6	8.0	MAX
MIN	2.8	2.8	4.0	7.1	6.2	6.2	4.2	3.7	3.5	3.1	3.3	3.5	MIN

SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 7.9 CFS
TOTAL DISCHARGE, 5710 AC-FT
MAXIMUM DAILY DISCHARGE, 134.0 CFS
MINIMUM DAILY DISCHARGE, 2.8 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,
ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.8 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

ORONO CREEK NEAR ORONO - STATION NO. 02HD234

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.0	3.2 B	5.6 B	6.9 B	5.9	6.7 E	3.6 E	3.3 E	4.3 E	3.6 E	2.9	4.7	01
02	3.9 E	3.1 B	5.4 B	6.2 B	5.9	5.4 E	3.7 E	3.3 E	4.3 E	3.5 E	3.2	3.4	02
03	4.0 E	3.1 B	5.2 B	5.9	5.8	5.3 E	3.6 E	3.4 E	4.2 E	3.4 E	3.2	3.2	03
04	4.0 E	3.1 B	5.0 B	5.6 B	7.9	5.2 E	3.6 E	3.4 E	4.1 E	3.3 E	3.1	3.1	04
05	3.8 E	3.1 B	4.8 B	5.6 B	11.8	5.1 E	3.5 E	3.4 E	4.0 E	3.2 E	3.0	3.1	05
06	3.7 E	3.2 B	4.8 B	5.8 B	6.9	5.2 E	3.6 E	3.3 E	4.0 E	3.1 E	2.9	5.8	06
07	4.0 E	3.2 B	4.7 B	6.1	6.1	5.0 E	3.7 E	3.4 E	3.9 E	2.9 E	2.8	3.7	07
08	4.0 E	3.2 B	4.7 B	8.4	5.7	4.9 E	3.4 E	3.3 E	3.9 E	2.8 E	2.9	4.4	08
09	17.8 E	3.3 B	4.6 B	10.1 B	5.3	4.7 E	3.3 E	3.3 E	3.9 E	2.7 E	2.9	3.1	09
10	7.1 E	3.3 B	4.6 B	9.6 B	5.0	4.5 E	3.2 E	3.2 E	3.9 E	2.9 E	5.6	3.1	10
11	37.3 E	3.4 B	4.6 B	8.5 B	4.8	4.5 E	3.3 E	3.3 E	4.1 E	3.2	3.8	3.0	11
12	7.2 E	3.4	6.9 B	8.8 B	4.7	5.3 E	3.3 E	3.3 E	5.1 E	3.3	3.3	3.0	12
13	4.8 E	3.4 B	17.1 B	8.4	4.7	5.1 E	3.4 E	3.4 E	4.7 E	3.5	3.2	2.8	13
14	3.8 E	3.5	7.9 B	9.6	4.5	5.0 E	3.4 E	3.4 E	4.6 E	2.9	2.9	3.5	14
15	3.6 E	3.5	6.1 B	11.2	4.5	5.0 E	3.4 E	3.5 E	4.4 E	2.9	2.9	9.8	15
16	3.3 E	3.6	24.4 B	9.9	4.6	5.2 E	3.4 E	3.4 E	4.1 E	2.8	2.8	4.2 B	16
17	3.3 E	3.8 B	54.4	10.8	4.4	5.0 E	3.4 E	3.2 E	3.7 E	2.8	2.8	3.3 B	17
18	3.4 E	8.6 B	60.6	11.5	4.4	4.7 E	3.4 E	3.4 E	3.9 E	3.4	2.8	2.8 B	18
19	3.3 E	6.7 B	184.0	81.8	4.3	5.1 E	3.4 E	3.3 E	6.0 E	3.3	2.7	2.7 B	19
20	3.2 E	5.6 B	47.6	15.0	4.2 E	5.1 E	3.7 E	3.3 E	5.0 E	3.2	2.7	2.7 B	20
21	3.2 E	4.9	10.7	9.4	4.5 E	4.7 E	4.0 E	3.5 E	4.7 E	3.4	2.8	2.7 B	21
22	3.6 E	11.5	58.4	7.6	4.4 E	4.4 E	3.6 E	3.6 E	4.3 E	3.3	2.8	2.7 B	22
23	3.6 B	31.8	14.6	7.6	4.3 E	4.4 E	3.4 E	3.6 E	4.0 E	3.1	2.7	2.7 B	23
24	3.7	247.0	28.0	17.9	4.8 E	4.3 E	3.4 E	4.1 E	3.8 E	2.9	2.7	2.7 B	24
25	5.1	33.8	28.7	9.0	4.9 E	4.1 E	3.4 E	4.3 E	3.7 E	2.8	2.8	2.7 B	25
26	8.3 B	7.8 B	8.7 B	7.3	4.9 E	4.0 E	3.4 E	4.3 E	3.5 E	2.7	2.7	2.7 B	26
27	4.7 B	6.2 B	7.3 B	6.6	5.0 E	3.9 E	3.5 E	4.2 E	3.4 E	2.6	4.2	2.7 B	27
28	4.5 B	5.9 B	6.9	6.4	5.0 E	3.8 E	3.5 E	4.0 E	3.5 E	2.6	3.9	2.7 B	28
29	4.2 B		8.5	6.1	5.0 E	3.8 E	3.4 E	4.0 E	3.4 E	2.6	3.3	2.7 B	29
30	3.7 B		7.3 B	6.0	6.9 E	3.6 E	3.4 E	4.4 E	3.5 E	2.5	3.6	4.1	30
31	3.5 B		7.2 B		7.3 E		3.3 E	4.3 E		2.5		6.1	31
TOTAL	177.6	426.2	649.3	329.6	168.4	143.0	107.6	110.9	123.9	93.7	94.1	109.9	TOTAL
MEAN	5.72	15.22	20.94	10.98	5.43	4.76	3.47	3.57	4.13	3.02	3.13	3.54	MEAN
AC-FT	352.26	845.36	1287.88	653.70	334.02	283.64	213.42	219.97	245.75	185.85	186.64	217.98	AC-FT
MAX	37.3	247.0	184.0	81.8	11.8	6.7	4.0	4.4	6.0	3.6	5.8	4.8	MAX
MIN	3.2	3.1	4.6	5.6	4.2	3.6	3.2	3.2	3.4	2.5	2.7	2.7	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 6.9 CFS
TOTAL DISCHARGE, 5030 AC-FT
MAXIMUM DAILY DISCHARGE, 247.0 CFS
MINIMUM DAILY DISCHARGE, 2.5 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,
ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.8 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

ORONO CREEK NEAR ORONO - STATION NO. 02HD234
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.4 B	1.4 ?	11.6	22.0	5.8	6.6		5.3	4.0	3.1	3.1	3.0 B	01
02	3.1 B	1.1 ?	7.3 B	11.6	5.9	5.4		4.1	3.5	3.0	3.1	3.2 B	02
03	3.5 B	1.3 B	6.5 B	8.8	7.7	5.6		3.8	3.1	3.0	3.2	3.2 B	03
04	3.1 B	1.1 ?	6.7	7.2	5.7	5.3		3.6	3.2	2.9	3.1	3.1 B	04
05	3.2 B	1.2 ?	46.7	6.6	5.5	5.1		3.5	2.9	2.9	3.1	3.1 B	05
06								3.6	2.7	3.0	3.0	3.2 B	06
07	3.1 B	1.1 B	36.1	6.4	7.6	4.8		3.3	2.7	3.9	3.0	3.3 B	07
08	3.1 B	1.1 B	17.0 B	6.1	20.9	4.6		3.5	2.6	3.3	3.0	3.4 B	08
09	2.4 B	1.1 B	6.5 B	5.9	9.9	4.2		3.6	2.6	3.9	2.9	3.0 B	09
10	2.7 B	3.0 B	4.0 B	5.6	6.8	4.2		3.4	3.4	4.4	3.1	3.1 B	10
11	2.1 B	3.1 B	4.3 B	5.6	6.1	4.7							
12	2.1 B	3.3 B	4.1 B	5.4	7.1	4.9		3.2	3.2	3.3	3.1	3.3 B	11
13	2.1 B	3.2 B	4.4 B	5.1	7.4	4.6		3.4	3.2	3.2	3.0	3.2 B	12
14	2.1 B	3.4 B	10.1 B	5.2	5.9	4.7		4.0	2.9	3.0	3.1	3.1 B	13
15	3.0 B	3.4 B	8.0 B	5.1	5.9	6.4		4.6	2.8	3.0	3.1	3.0 B	14
16	3.0 B	4.0 B	6.1 B	8.9	6.0	5.3		4.9	2.8	2.9	3.1	3.1 B	15
17	2.9 B	7.7	5.6 B	14.6	11.5	5.5		4.0	2.8	2.9	3.0	3.2 B	16
18	2.7 B	12.1	5.1 B	6.8	25.4	5.4		3.7	3.0	2.9	3.1	3.2 B	17
19	2.7 B	16.9	4.7 B	6.0	10.1	4.9		3.6	3.2	2.9	3.1	3.2 B	18
20	2.9 B	43.4	11.0 B	5.6	11.1	5.3		3.5	2.9	2.9	3.2	3.1 B	19
21	2.9 B	15.9	146.0	5.3	10.5	5.1		3.4	3.6	3.4	3.2	3.9 B	20
22	2.7 B	17.3	180.0	5.2	6.8	4.6		3.4	3.5	4.4	2.9	3.5 B	21
23	2.7 B	40.9	46.7	6.1	6.2	6.4		3.4	3.6	3.6	2.9	3.2 B	22
24	2.1 B	12.8 B	26.6	6.6	5.8	5.2	3.7	3.1	3.8	3.3	2.9	3.1 B	23
25	2.4 B	8.5 B	39.5	5.5	5.5	4.9	3.8	3.1	3.4	3.3	2.9	2.9 B	24
26	2.9 B	19.7	33.6	13.9	5.5	7.3	3.5	3.2	3.3	3.4	3.0	3.0 B	25
27	3.0 B	32.8	12.6	12.3	5.5	5.3	3.4	3.3	3.3	3.3	4.4	3.0 B	26
28	5.9 B	34.6	25.0	10.0	5.6	5.2	3.8	3.4	3.8	3.1	6.8	3.0 B	27
29	4.6 B	20.7	15.7	7.1	5.0	4.6	3.5	3.8	3.4	3.1	4.6	2.6 B	28
30	3.7 B	16.0	9.7	6.1	4.7	5.0	4.4	4.0	3.2	3.1	3.7 B	2.8 B	29
31	3.5 B		9.3	5.7	4.7	5.0 E	4.5	3.5	3.2	3.1	3.1 B	2.7 B	30
32													
33	3.4 B		22.7		7.7		5.4	3.2		3.2		2.8 B	31
TOTAL	101.1	344.8	772.1	233.2	245.8	156.1		113.4	95.6	100.7	98.8	96.5	TOTAL
MEAN	3.26	11.8 ^a	24.9	7.77	7.92	5.2		3.65	3.18	3.24	3.29	3.11	MEAN
AC-FT	200.53	683.91	1531.46	462.55	487.54	309.62		224.92	189.62	199.73	195.96	191.4	AC-FT
MAX	5.9	43.4	180.0	22.9	25.4	7.3		5.3	4.0	4.4	6.8	3.9	MAX
MIN	2.7	3.0	4.1	5.1	4.7	4.2		3.1	2.6	2.9	2.9	2.6	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 180.0 CFS
MINIMUM DAILY DISCHARGE, 2.7 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,
ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.8 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

ORONO CREEK NEAR ORONO - STATION NO. 02HD234
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.0 B	2.9 B	4.5	6.6	4.8	5.8	4.4	4.3	4.1	7.3	4.2	36.2	01
02	3.0 B	2.8 B	4.4	8.4	5.3	5.1	4.0	3.2	9.0	6.4	4.1	14.1	02
03	3.0 B	2.9 B	4.3	24.9	4.8	4.7	3.9	3.4	5.2	5.3	4.1	8.4	03
04	3.0 B	2.9 B	12.4	9.1	4.5	4.5	3.7	3.9	4.3	4.6	4.1	7.0	04
05	3.1 B	2.9 B	35.4	18.9	4.0	4.4	3.9	3.9	4.2	4.3	4.1	6.2 B	05
06	3.1 B	2.8 B	16.7	8.7	4.4	4.3	4.3	3.5	4.0	4.2	4.1	6.1 B	06
07	3.1 B	2.7 B	11.7	7.1	4.0	4.0	4.5	2.9	3.7	4.0	7.3	6.1 B	07
08	3.1 B	2.6 B	11.9	6.9	4.6	4.0	4.3	3.2	3.6	7.6	19.0	6.1 B	08
09	3.1 B	2.8 B	48.1	7.2	4.6	4.0	3.8	3.7	3.6	12.7	7.1	6.1 B	09
10	3.1 B	2.8 B	72.6	7.2	4.1	3.9	3.5	7.9	3.6	6.5	12.5	6.1 B	10
11	3.1 B	2.9 B	46.4	7.0	3.9	3.9	3.5	6.3	3.5	5.4	10.5	6.1 B	11
12	3.1 B	3.1 B	38.0	6.3	4.9	4.0	3.7	4.5	3.5	5.1	6.7	6.2 B	12
13	3.1 B	4.1 B	115.0	6.1	4.6	3.8	2.8	4.1	4.2	4.8	6.2	6.3	13
14	3.1 B	3.6 B	22.2	5.8	4.3	3.6	2.6	4.1	4.4	4.6	5.9	15.0	14
15	3.1 B	3.3 B	15.1	5.4	3.9	3.6	3.4	3.7	3.7	4.5	6.0	18.1	15
16	3.1 B	3.2 B	12.1	5.3	3.7	3.8	3.8	8.4	5.5	4.6	10.2	12.8	16
17	3.0 B	3.1 B	8.8	5.0	4.0	4.2	4.0	7.6	5.6	4.4	22.8	10.5	17
18	3.0 B	3.2 B	7.3	4.9	3.8	5.4	3.8	4.7	4.4	4.2	12.7	9.0	18
19	3.0 B	3.2 B	7.3	4.8	3.6	4.9	3.8	4.3	4.2	4.2	9.4	8.5	19
20	3.0 B	3.3 B	7.4	4.8	3.2	4.7	3.7	4.3	5.8	4.1	7.5	8.2	20
21	3.0 B	3.3 B	7.6	4.8	3.1	4.4	3.6	4.2	5.0	4.1	7.9	9.8	21
22	3.0 B	3.2 B	8.3	7.4	3.0	4.1	3.5	5.4	4.3	4.1	7.3	9.0	22
23	3.0 B	3.2 B	7.3	12.0	3.0	4.1	3.4	4.3	4.0	4.2	8.2	8.1	23
24	3.0 B	4.0	7.2	11.7	3.0	3.9	3.5	4.7	3.9	4.2	12.1	7.5	24
25	3.0 B	5.2	7.4	10.9	3.0	5.4	3.4	4.2	9.3	4.2	8.0	16.9	25
26	3.0 B	4.4	6.6	7.3	2.9	4.5	3.3	4.0	7.4	4.2	14.3	10.2 B	26
27	3.0 B	4.4	7.5	6.3	3.1	4.0	3.2	4.0	5.4	4.2	7.3 B	7.4 B	27
28	2.9 B	4.4	9.7	5.8	2.8	3.9	3.2	4.0	4.7	4.2	6.6 B	6.8 B	28
29	2.9 B		12.5	5.2	2.9	5.0	3.4	3.9	4.3	4.1	6.6	6.6 B	29
30	2.9 B		8.8	4.9	2.8	4.4	3.5	3.8	4.2	4.2	6.9	6.5 B	30
31	3.0 B		7.9		3.2		3.9	3.7		4.1		6.4 B	31
TOTAL	93.9	93.2	592.4	236.7	118.4	130.3	113.3	138.1	142.6	154.6	253.7	298.3	TOTAL
MEAN	3.02	3.32	19.1	7.89	3.81	4.34	3.65	4.45	4.75	4.98	8.45	9.62	MEAN
AC-FT	186.25	184.86	1175.02	469.49	234.84	258.45	224.73	273.92	282.84	306.64	503.21	591.07	AC-FT
MAX	3.1	5.2	115.0	24.9	5.3	5.8	4.5	8.4	9.3	12.7	22.8	36.2	MAX
MIN	2.9	2.6	4.3	4.8	2.8	3.6	2.6	2.9	3.5	4.0	4.1	6.1	MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 6.5 CFS
TOTAL DISCHARGE, 4690 AC-FT
MAXIMUM DAILY DISCHARGE, 115.0 CFS
MINIMUM DAILY DISCHARGE, 2.6 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,
ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.8 SQUARE MILES.
REMARKS: BROAD-CRESTED CONCRETE CONTROL
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.4 B	5.7 B	4.7 B	131.0	6.6	5.4							01
02	6.2 B	5.5 B	4.8 B	49.6	6.5	5.5							02
03	6.2 B	5.4 B	4.8 B	21.2	6.4	5.4							03
04	6.6 B	5.4 B	4.5 B	18.5	6.1	5.4							04
05	6.5 B	5.1 B	4.5 B	35.1	6.5	5.5							05
06	6.4 B	5.0 B	4.9 B	28.3	7.3	5.2							06
07	6.3 B	5.0 B	4.5 B	88.3	7.3	5.5							07
08	13.5 B	5.0 B	4.9 B	25.6	6.7	5.7							08
09	20.8 B	4.5 B	5.2 B	17.3	14.8	5.4							09
10	11.6 B	4.8 B	5.2 B	15.6	8.8	5.3							10
11	9.1 B	4.7 B	5.3 B	34.4	7.3	5.0							11
12	7.4 B	4.7 B	5.4	25.8	7.4	4.9							12
13	6.9 B	4.6 B	5.6	22.9	8.2	5.9							13
14	6.4 B	4.6 B	9.5	16.0	31.1	5.3							14
15	6.3 B	4.7 B	13.8	12.0	22.4	5.9							15
16	6.0 B	4.6 B	10.8	11.6	12.2								16
17	5.9 B	4.6 B	8.2	10.9	10.3								17
18	5.8 B	4.6 B	7.4	11.1	10.1								18
19	5.7 B	4.6 B	7.2	15.0	10.4								19
20	5.5 B	4.6 B	7.1	30.6	10.1								20
21	5.4 B	4.6 B	20.8	23.9	12.8								21
22	5.3 B	4.6 B	29.8	12.9	7.7								22
23	5.2 B	4.7 B	31.9	10.2	7.1								23
24	5.1 B	4.7 B	30.1	9.5	6.8								24
25	5.2 B	4.7 B	14.3	8.6	6.3								25
26	8.9 B	4.7 B	10.3	7.8	5.9								26
27	10.2 B	4.7 B	9.3	7.4	6.0								27
28	7.3 B	4.7 B	9.5	7.2	5.8								28
29	6.6 B		12.7	6.8	5.5								29
30	6.1 B		23.0	6.7	5.3								30
31	5.8 B		38.2		5.5								31
TOTAL	226.6	135.5	359.4	721.8	281.2								TOTAL
MEAN	7.3	4.83	11.59	24.06	9.07								MEAN
AC-FT	449.46	268.76	712.86	1431.69	557.76								AC-FT
MAX	20.8	5.7	38.2	131.0	31.1								MAX
MIN	5.1	4.6	4.7	6.7	5.3								MIN

SUMMARY FOR THE YEAR 1978

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,
ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.8 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL

WITH RECTANGULAR CENTRAL NOTCH. STATION DISCONTINUED JUNE 1978.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

ORONO FOREST STATION DIVERSION CHANNEL - STATION NO. 02HD235

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01						1.1	0.8	1.9	2.0	2.3	1.4		01
02						2.0	0.81	1.8	1.8	2.3	1.0		02
03						2.3	0.79	1.7	1.7	2.4	0.95		03
04						2.3	0.84	1.6	1.8	2.4	0.6		04
05					1.2	2.3	0.76	1.6	1.8	2.3	0.23		05
06					1.2	2.2	0.68	1.5	1.5	2.3	0.26		06
07					1.1	2.3	0.64	1.4	1.3	2.3	0.21		07
08					1.5	2.3	0.65	1.4	1.4	2.3	0.2		08
09					1.6	2.2	0.68	0.94	2.0	2.1			09
10					1.4	2.2	1.2	0.71	1.9	2.0			10
11					1.3	2.4	0.81	1.3	1.8	2.0			11
12					1.2	2.4	0.66	1.3	1.8	2.0			12
13					1.2	1.8	0.52	1.2	1.8	2.0			13
14					1.0	1.8	0.9	1.4	1.9	2.0			14
15					1.1	1.8	2.2	1.4	1.8	1.7			15
16					2.2	1.8	2.0	1.4	2.1	1.5			16
17					2.2	2.0	1.9	1.4	2.0	1.3			17
18					1.4	2.2	1.7	1.3	2.2	1.2			18
19					1.3		1.6	1.7	2.2	1.2			19
20					1.1		2.4	2.0	2.1	1.3			20
21					1.1		2.4	1.6	2.0	1.5			21
22					1.3		2.2	1.5	2.0	1.7			22
23					1.2		2.0	1.5	2.0	1.3			23
24					1.1		1.9	1.3	2.1	1.2			24
25					1.1		1.8	1.2	2.2	1.0			25
26					1.2		1.8	1.2	2.2	0.9			26
27					0.98		1.7	1.3	2.4	0.84			27
28					0.94		1.7	1.6	2.3	0.77			28
29					0.9		1.7	1.6	2.4	0.69			29
30					0.88	0.92	1.6	1.8	2.3	0.86			30
31					0.85		1.7	2.2		1.7			31
TOTAL							43.04	45.75	58.6	51.36			TOTAL
MEAN							1.38	1.47	1.95	1.65			MEAN
AC-FT							85.36	90.74	116.23	101.87			AC-FT
MAX							2.4	2.2	2.4	2.4			MAX
MIN							0.52	0.71	1.3	0.69			MIN

SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 2.4 CFS
MINIMUM DAILY DISCHARGE, 0.20 CFS

LOCATION: AT THE SIDE OF STATION STREET, ON THE WESTERLY
LIMITS OF THE COMMUNITY OF ORONO.

TYPE OF GAUGE: SEASONAL RECORDING.

DRAINAGE AREA: ARTIFICIAL DIVERSION.

REMARKS: SHARP-CRESTED 90 DEGREE V-NOTCH WEIR.
GAUGE MONITORS SEASONAL DIVERSION OF WATER
FROM WILMOT CREEK TO ORONO MILL POND.

B - ICE CONDITIONS

E - ESTIMATED

REGULATED.

ORONO FOREST STATION DIVERSION CHANNEL - STATION NO. 02HD235

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01						2.9	1.9	1.5	1.5	1.6	0.12		01
02						3.0	1.7	1.4	1.5	1.6	0.12		02
03						3.2	1.4	1.4	1.5	1.6	0.12		03
04						2.6	0.88	1.5	1.5	1.6	0.12		04
05						2.5	0.68	1.5	1.4	1.6	0.12		05
06						2.5	1.6	1.5	1.4	1.6	0.12		06
07						2.5		1.5	1.3	1.5	0.13		07
08						2.6		1.3	1.1	1.5	0.12		08
09						2.5	1.6	1.3	1.4	1.7	0.12		09
10						2.5	1.6	1.5	1.4	1.8	0.13		10
11						2.5	1.5	1.5	1.4	1.7	0.13		11
12						2.4	1.5	1.5	1.4	1.7	0.13		12
13						2.8	1.5	1.4		1.7	0.13		13
14						2.6	1.5	1.4		1.9	0.12		14
15					0.2	2.5		1.4		1.6	0.14		15
16					0.2	2.5		1.3	1.5	1.6	0.13		16
17					0.2	2.5		1.2	1.6	1.6	0.13		17
18					0.19	2.4		1.3	1.6	2.1	0.13		18
19					0.19	2.4		1.3	1.6	2.1	0.14		19
20					0.23	2.3		1.4	2.0	1.3	0.16		20
21					0.21	2.3		1.4	1.8	0.33	0.19		21
22					0.19	2.4		1.5	1.7	0.26	0.14		22
23					0.18	2.3		1.6	1.7	0.15			23
24					0.18	2.3		1.5	1.6	0.13			24
25					0.22	2.2		1.5	1.6	0.16			25
26					0.76	2.3		1.6	1.5	0.14			26
27					1.2	2.1		1.7	1.5	0.13			27
28					1.3	2.2		1.7	1.7	0.13			28
29					1.2	2.2		1.6	1.5	0.13			29
30					1.2	2.1		1.5	1.6	0.13			30
31					2.0		1.6	1.5		0.12			31
TOTAL						74.1		45.2		35.21			TOTAL
MEAN						2.47		1.45		1.13			MEAN
AC-FT						146.97		89.65		69.83			AC-FT
MAX						3.2		1.7		2.1			MAX
MIN						2.1		1.2		0.12			MIN

SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 3.2 CFS
MINIMUM DAILY DISCHARGE, 0.12 CFS

LOCATION: AT THE SIDE OF STATION STREET, ON THE WESTERLY
LIMITS OF THE COMMUNITY OF ORONO.

TYPE OF GAUGE: SEASONAL RECORDING.
DRAINAGE AREA: ARTIFICIAL DIVERSION.

REMARKS: SHARP-CRESTED 90 DEGREE V-NOTCH WEIR.
GAUGE MONITORS SEASONAL DIVERSION OF WATER
FROM WILMOT CREEK TO ORONO MILL POND.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

ORONO FOREST STATION DIVERSION CHANNEL - STATION NO. 02HD235

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01						1.2	1.4	1.4	1.7	2.1	0.24		01
02						1.3	1.3	1.8	1.7	2.0	0.35		02
03						1.1	1.2	1.7	1.7	2.0	0.3		03
04						1.2	1.2	1.6	1.7	1.5	0.25		04
05						0.73	1.1	1.6	1.7	0.5	0.26		05
06						0.86	1.1	1.6	1.7	0.33	0.24		06
07						1.0	1.1	1.8	1.6	0.37	0.24		07
08						1.2	1.0	2.0	2.2	0.21	0.75		08
09						1.5	0.96	1.9	1.8	0.15	0.4		09
10						1.4	1.0	1.7	1.8	0.15	0.32		10
11						1.4	1.0	1.6	1.8	0.15	0.31		11
12						1.4	0.9	1.6	1.8	0.29	0.31		12
13						1.4	0.71	1.4	1.8	0.36	0.29		13
14						1.5	0.86	1.3	1.8	0.22	0.27		14
15						1.5	1.1	1.2	1.6	0.17	0.28		15
16						1.4	1.2	1.1	1.4	0.16	0.26		16
17						1.4	0.26	1.0	1.3	0.16	0.27		17
18						1.5	0.16	0.73	1.3	0.16	0.28		18
19					0.18	1.4	0.19	0.67	1.3	0.16	0.27		19
20					0.17	1.4	0.13	0.56	0.92	0.16	0.29		20
21					0.17	1.5	0.8	0.48	0.44	0.16	0.26		21
22					0.15	1.7	1.6	1.1	0.92	0.22	0.24		22
23					0.14	1.8	1.7	1.9	1.2	0.79	0.23		23
24					0.14	1.9	1.7	1.8	0.73	0.33	0.24		24
25					0.15	1.6	1.5	1.7	0.31	0.28	0.24		25
26					0.14	1.5	1.5	1.7	0.17	0.24	0.4		26
27					0.14	1.6	1.5	2.0	0.67	0.23			27
28					0.13	1.5	1.5	1.9	1.9	0.24			28
29					0.13	1.4	1.4	1.8	2.0	0.39			29
30					0.77	1.5	1.4	1.7	2.2	0.28			30
31					1.5		1.4	1.7		0.25			31
TOTAL						41.79	33.87	46.04	43.16	14.71			TOTAL
MEAN						1.39	1.09	1.48	1.43	0.47			MEAN
AC-FT						82.89	67.18	91.32	85.6	29.17			AC-FT
MAX						1.9	1.7	2.0	2.2	2.1			MAX
MIN						0.73	0.13	0.48	0.17	0.15			MIN

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 2.2 CFS
MINIMUM DAILY DISCHARGE, 0.13 CFS

LOCATION: AT THE SIDE OF STATION STREET, ON THE WESTERLY
LIMITS OF THE COMMUNITY OF ORONO.

TYPE OF GAUGE: SEASONAL RECORDING.
DRAINAGE AREA: ARTIFICIAL DIVERSION.

REMARKS: SHARP-CRESTED 90 DEGREE V-NOTCH WEIR.
GAUGE MONITORS SEASONAL DIVERSION OF WATER
FROM WILMOT CREEK TO ORONO MILL POND.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01						2.5	1.8	0.96	0.99	1.0	0.52	0.22	01
02						2.4	1.5	0.83	0.98	1.4	0.26	0.21	02
03						2.3	1.5	0.8	0.96	1.5	0.31		03
04						2.3	3.3	1.0	0.93	1.4	0.18		04
05						2.4	3.0	1.0	0.95	1.4	0.17		05
06						2.3	3.0	1.1	0.9	1.3	0.17		06
07						2.6	2.9	1.1	0.79	1.3	0.19		07
08						2.3	2.7	1.1	0.75	1.3	0.18		08
09						2.2	2.6	1.1	0.77	1.4	0.17		09
10					1.0	2.1	2.5	1.1	0.73	1.3	0.16		10
11					1.8	2.1	2.5	0.83	0.71	0.99	0.16		11
12					1.1	2.1	2.4	0.85	0.64	0.56	0.16		12
13					0.8	2.0	2.3	0.87	0.57	0.41	0.16		13
14					0.58	1.9	2.3	0.9	0.55	0.34	0.16		14
15					0.62	2.1	2.2	0.92	0.56	0.16	0.47		15
16					0.6	2.1	2.1	0.99	0.53	0.12	0.34		16
17					0.58	1.9	2.0	0.93	0.51	0.13	0.22		17
18					0.5	1.4	2.0	1.2	0.83	0.13	0.23		18
19					0.39	0.73	1.9	1.0	0.77	0.13	0.25		19
20					0.34	0.58	1.9	1.0	0.76	0.15	0.2		20
21					0.34	1.4	1.8	0.98	1.0	0.13	0.23		21
22					0.31	1.9	1.8	0.95	0.82	0.12	0.33		22
23					0.3	1.9	1.6	0.96	0.91	0.12	0.22		23
24					0.31	1.9	1.5	0.96	0.94	0.11	0.27		24
25					0.29	1.8	1.5	0.96	0.82	0.11	0.32		25
26					0.33	1.8	1.4	0.96	0.78	0.11	0.22		26
27					0.31	1.7	1.4	1.0	0.91	0.11	0.23		27
28					1.8	2.2	1.3	0.99	0.98	0.11	0.45		28
29					2.7	2.3	1.2	0.99	0.81	0.22	0.31		29
30					2.4	2.0	1.1	0.97	0.79	0.42	0.26		30
31					2.9		1.0	1.0		0.26			31
TOTAL						59.21	62.0	30.3	23.94	16.24	7.5		TOTAL
MEAN						1.97	2.0	0.97	0.79	0.58	0.25		MEAN
AC-FT						117.44	122.97	60.1	47.48	36.17	14.87		AC-FT
MAX						2.6	3.3	1.2	1.0	1.5	0.52		MAX
MIN						0.58	1.0	0.8	0.51	0.11	0.16		MIN

SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 3.3 CFS
MINIMUM DAILY DISCHARGE, 0.11 CFS

LOCATION: AT THE SIDE OF STATION STREET, ON THE WESTERLY
LIMITS OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: SEASONAL RECORDING.
DRAINAGE AREA: ARTIFICIAL DIVERSION.
REMARKS: SHARP-CRESTED 90 DEGREE V-NOTCH WEIR.
GAUGE MONITORS SEASONAL DIVERSION OF WATER
FROM WILMOT CREEK TO ORONO MILL POND.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

ORONO FOREST STATION DIVERSION CHANNEL - STATION NO. 02HD235

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01								0.7	0.22	0.05	0.04		01
02								0.67	0.21	0.04	0.04		02
03								0.68	0.34	0.04	0.05		03
04							1.7	0.82	0.24	0.04	0.05		04
05							1.6	0.8	0.18	0.04	0.06		05
06							1.5	0.77	0.19	0.04	0.06		06
07							1.5	0.99	0.1	0.06			07
08							1.4	1.1	0.09	0.04			08
09							1.4	1.2	0.13	0.05			09
10							1.3	1.2	0.19	0.04			10
11							1.2	1.2	0.09	0.04			11
12							1.1	1.1	0.09	0.04			12
13							1.1	0.88	0.21	0.04			13
14							0.99	0.57	0.2	0.18			14
15							0.85	0.65	0.22	0.07			15
16							0.78	0.7	0.22	0.05			16
17							0.78	0.76	0.21	0.05			17
18							0.82	0.82	0.23	0.05			18
19							0.79	0.87	0.22	0.04			19
20							0.73	0.97	0.21	0.04			20
21							0.71	0.78	0.18	0.04			21
22							0.67	0.43	0.14	0.04			22
23							0.49	0.32	0.1	0.04			23
24							0.5	0.37	0.1	0.04			24
25							0.52	0.31	0.18	0.04			25
26							0.55	0.26	0.26	0.04			26
27							0.56	0.83	0.06	0.03			27
28							0.5	0.34	0.13	0.03			28
29							0.59	0.26	0.66	0.04			29
30							0.73	0.19	0.3	0.05			30
31							0.75	0.2		0.05			31
TOTAL								21.74	5.9	1.48			TOTAL
MEAN								0.7	0.19	0.04			MEAN
AC-FT								43.12	11.7	2.93			AC-FT
MAX								1.2	0.66	0.18			MAX
MIN								0.19	0.06	0.03			MIN

SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 1.7 CFS
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE SIDE OF STATION STREET, ON THE WESTERLY
LIMITS OF THE COMMUNITY OF ORONO.
TYPE OF GAUGE: SEASONAL RECORDING.
DRAINAGE AREA: ARTIFICIAL DIVERSION.
REMARKS: SHARP-CRESTED 90 DEGREE V-NOTCH WEIR.
GAUGE MONITORS SEASONAL DIVERSION OF WATER
FROM WILMOT CREEK TO ORONO MILL POND.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

ORONO FOREST STATION DIVERSION CHANNEL - STATION NO. 02HD235

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
							2.2	1.1	1.9	1.1	0.3		01
01							2.1	1.1	1.9	0.79	0.41		02
02							2.0	1.0	1.9	0.81	0.36		03
03							1.9	1.0	1.8	0.55	0.11		04
04							1.8	0.89	1.7	0.29	0.04		05
05													
06							1.7	1.1	1.7	0.15	0.04		06
07							1.6	0.98	1.7	0.03	0.04		07
08							1.5	0.93	1.6	0.03	0.04		08
09							1.5	0.87	1.9	0.17	0.04		09
10							1.4	0.73	1.9	0.41	0.25		10
11						2.6	1.5	0.72	2.1	0.72	0.09		11
12						3.0	1.3	0.67	2.2	0.64	0.08		12
13						2.9	1.3	1.1	2.2	0.65	0.07		13
14						3.1	1.2	1.1	2.0	0.68	0.07		14
15						3.1	1.1	1.5	1.9	0.64	0.07		15
16						3.2	1.2	0.59	1.4	0.6	0.07		16
17						3.0	1.1	0.36	0.85	0.58	0.06		17
18						3.0	1.0	0.29	1.4	0.6	0.06		18
19						3.0	1.1	1.7	1.8	0.55	0.05		19
20						2.9	1.0	1.6	1.6	0.53	0.05		20
21						2.8	1.1	1.8	1.2	0.51	0.07		21
22						2.7	0.93	1.8	0.79	0.19	0.06		22
23						2.7	0.89	1.8	0.64	0.04	0.05		23
24						2.7	1.0	1.9	0.59	0.04	0.05		24
25						2.5	0.99	2.0	0.53E	0.03	0.05		25
26						2.4	0.89	2.1	0.81E	0.03			26
27						2.4	0.91	2.0	1.4	0.03			27
28						2.1	1.0	1.8	1.5	0.03			28
29						1.9	1.0	1.5	1.4	0.02			29
30						2.1	1.2	2.1	1.3	0.02			30
31							1.2	1.9		0.05			31
TOTAL							40.61	40.03	45.61	11.51			TOTAL
MEAN							1.31	1.29	1.52	0.37			MEAN
AC-FT							80.54	79.39	90.46	22.83			AC-FT
MAX							2.2	2.1	2.2	1.1			MAX
MIN							0.89	0.29	0.53	0.02			MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 3.2 CFS
MINIMUM DAILY DISCHARGE, 0.02 CFS

LOCATION: AT THE SIDE OF STATION STREET, ON THE WESTERLY
LIMITS OF THE COMMUNITY OF ORONO.

TYPE OF GAUGE: SEASONAL RECORDING.

DRAINAGE AREA: ARTIFICIAL DIVERSION.

REMARKS: SHARP-CRESTED 90 DEGREE V-NOTCH WEIR.
GAUGE MONITORS SEASONAL DIVERSION OF WATER
FROM WILMOT CREEK TO ORONO MILL POND.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

ORONO FOREST STATION DIVERSION CHANNEL - STATION NO. 02HD235

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
						0.22	1.5	0.76	0.43	0.04	0.05		01
01						0.44	1.3	0.6	0.14	0.04	0.05		02
02						1.4	1.3	0.52	0.08E	0.04	0.05		03
03						1.4	1.3	0.52	0.08E	0.03	0.05		04
04						1.3	1.1	0.46	0.08E	0.03	0.05		05
05													
06						1.1	1.0	0.42	0.08E	0.04	0.05		06
07						1.0	0.93	0.3	0.08E	0.07	0.05		07
08						0.74	0.93	0.22	0.08E	0.05	0.04		08
09						1.0	0.85	0.21	0.08E	0.07	0.04		09
10						1.6	0.82	0.2	0.08	0.07	0.05		10
11						1.6	1.0	0.17	0.06	0.05	0.04		11
12						1.5	0.98	0.14	0.05	0.05	0.04		12
13						1.6	0.83	0.36	0.05	0.05	0.05		13
14						1.7	0.79	0.75	0.04	0.05	0.05		14
15						1.6	0.76	0.77	0.04	0.05	0.04		15
16						1.6	0.76	0.57	0.04	0.04	0.03		16
17						1.5	0.73	0.62	0.04	0.04	0.04		17
18						1.3	0.74	0.66	0.05	0.04	0.05		18
19						1.4	0.69	0.65	0.04	0.04	0.06		19
20						1.2	0.68	0.66	0.06	0.06	0.05		20
21						1.0	0.71	0.67	0.06	0.08	0.03		21
22						1.7	0.65	0.66	0.06	0.06	0.04		22
23						1.5	0.63	0.65	0.07	0.06	0.05		23
24						1.4	0.64	0.65	0.06	0.06	0.05		24
25						1.6	0.61	0.66	0.05	0.06	0.04		25
26						1.3	0.6	0.68	0.05	0.05	0.1		26
27						1.3	0.63	0.71	0.07	0.05	0.2		27
28						1.2	0.61	0.74	0.05	0.05	0.098		28
29						1.2	0.68	0.75	0.05	0.05	0.058		29
30						1.5	0.68	0.53	0.05	0.05	0.048		30
31							0.8	0.43		0.05			31
TOTAL						38.9	26.23	16.69	2.25	1.57	1.62		TOTAL
MEAN						1.29	0.84	0.53	0.07	0.05	0.05		MEAN
AC-FT						77.15	52.02	33.1	4.46	3.11	3.21		AC-FT
MAX						1.7	1.5	0.77	0.43	0.08	0.2		MAX
MIN						0.22	0.6	0.14	0.04	0.03	0.03		MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 1.7 CFS
MINIMUM DAILY DISCHARGE, 0.03 CFS

LOCATION: AT THE SIDE OF STATION STREET, ON THE WESTERLY
LIMITS OF THE COMMUNITY OF ORONO.

TYPE OF GAUGE: SEASONAL RECORDING.

DRAINAGE AREA: ARTIFICIAL DIVERSION.

REMARKS: SHARP-CRESTED 90 DEGREE V-NOTCH WEIR.
GAUGE MONITORS SEASONAL DIVERSION OF WATER
FROM WILMOT CREEK TO ORONO MILL POND.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01						2.3	2.0	1.7	1.4				01
02						2.4	1.9	0.71	1.2				02
03						2.3	1.7	0.97	1.1				03
04						2.2	1.6	1.4	1.5				04
05						2.2	1.7	1.5	1.9				05
06						2.2	1.7	0.55	1.9				06
07						2.2	1.6	0.43	1.4				07
08						2.2	1.6	1.1	1.6				08
09						2.2	1.5	1.6	1.5				09
10						2.1	1.4	1.6	1.6				10
11					0.49	2.0	1.3	1.7	1.7				11
12					1.5	2.0	1.2	1.8	1.8				12
13					1.4	2.0	0.09	1.7	1.4				13
14					0.98	2.0	0.52	1.7	1.1				14
15					0.53	2.0	1.6	1.7	1.0				15
16					0.82	1.9	1.8	1.7	1.2				16
17					1.2	2.0	2.0	1.9	1.3				17
18					0.7	2.2	2.0	1.7	1.4				18
19					0.48	2.1	2.0	1.7	1.4				19
20					0.22	2.1	1.9	1.7	1.6				20
21					0.1	2.0	1.9	1.6	1.6				21
22					0.09	2.0	1.8	1.7	1.5				22
23					0.09	2.0	1.8	1.7	1.4				23
24					0.1	1.9	1.8	1.7	1.4				24
25					0.09	2.2	1.8	1.6	1.5 E				25
26					0.56	2.0	1.7	1.6	1.5 E				26
27					0.71	2.0	1.7	1.6	1.5 E				27
28					0.26	1.9	1.7	1.5	1.5 E				28
29					0.38	2.0	1.7	1.5	1.5 E				29
30					0.53	2.0	1.7	1.5	1.5 E				30
31					1.3		1.6	1.5					31
TOTAL						62.6	50.31	46.36	43.9				TOTAL
MEAN						2.08	1.62	1.49	1.46				MEAN
AC-FT						124.16	99.78	91.95	87.07				AC-FT
MAX						2.4	2.0	1.9	1.9				MAX
MIN						1.9	0.09	0.43	1.0				MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 1.9 CFS
MINIMUM DAILY DISCHARGE, 0.09 CFS

LOCATION: AT THE SIDE OF STATION STREET, ON THE WESTERLY
LIMITS OF THE COMMUNITY OF ORONO.

TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: ARTIFICIAL DIVERSION.

REMARKS: GAUGE MONITORS SEASONAL DIVERSION OF WATER
FROM WILMOT CREEK TO ORONO MILL POND. STATION DISCONTINUED SEPTEMBER 1977.

B - ICE CONDITIONS
E - ESTIMATED

REGULATED.

WILTON CREEK AT HARROWSMITH - STATION NO. 02HM201

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
												33.1	01
01												26.2	02
02												21.3	03
03												22.4	04
04												29.9	05
05													
06												27.2	06
07												21.2	07
08												17.5 B	08
09												14.0 B	09
10												10.7 B	10
11												8.3 B	11
12												10.0	12
13												14.9	13
14												18.4	14
15												13.4 B	15
16											13.8	11.3 B	16
17											13.5	10.4 B	17
18											14.3	8.9	18
19											18.4	8.1 B	19
20											17.3	7.1 B	20
21											15.4	6.3 B	21
22											15.5	5.6 B	22
23											15.9	4.9 B	23
24											15.5	4.1 B	24
25											15.8	3.6 B	25
26											14.1	3.0 B	26
27											13.3	2.2 B	27
28											14.1	1.5 B	28
29											57.9	2.2 B	29
30											47.4	2.4 B	30
31												2.0 B	31
TOTAL												312.1	TOTAL
MEAN												12.02	MEAN
AC-FT												739.25	AC-FT
MAX												33.1	MAX
MIN												1.5	MIN

SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE BRIDGE ON PORTLAND TWP. CONCESSION
ROAD 5, ABOUT 0.5 MILE WEST OF HARROWSMITH.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 8.1 SQUARE MILES.

REMARKS: BROAD-CRESTED 120 SHALLOW V-SHAPED
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

WILTON CREEK AT HARROWSMITH - STATION NO. 02HM201

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.9	25.6	2.7 B	19.3	9.8	4.5	3.3	0.51	0.22	0.18	0.43	4.4 B	01
02	3.0	23.1	2.7	30.1	0.5	5.2	1.8	1.2	0.28	0.21	1.8	4.0 B	02
03	3.0	19.0	2.6	30.6	0.0	7.5	1.3	2.8	0.26	0.28	4.8	3.8 B	03
04	3.1	15.6 B	2.3	29.4	7.4	5.8	1.1	1.5	0.2	0.26	4.7	3.6 B	04
05	3.1	13.6 B	2.1 B	39.4	0.4	4.4	2.0	0.84	0.18	0.22	3.5	3.4 B	05
06	3.1	11.2	1.9 B	40.8	5.7	3.7	1.4	0.58	0.2	0.2	2.9	3.4 B	06
07	3.0	9.5 B	1.7 B	35.5	5.4	3.4	0.97	0.49	0.19	0.23	2.6	13.4	07
08	2.8	0.3 B	1.5 B	30.6	0.0	2.9	0.81	0.45	0.16	0.27	2.4	2.8	08
09	2.8	7.7 B	1.4 B	26.1	7.0	2.4	0.69	0.4	0.14	0.26	2.1	5.3	09
10	2.7	6.6 B	1.5 B	26.1	8.2	2.0	0.68	0.35	0.1	0.23	2.0	3.5 B	10
11	2.5	6.0 B	1.4 B	25.8	10.6	1.9	0.68	0.34	0.13	0.2	2.0	16.4	11
12	2.4	5.0	1.4 B	20.2	11.4	1.8	0.69	0.29	0.17	0.2	2.0	41.8	12
13	2.4	5.4	1.3	17.2	9.0	2.0	1.1	0.28	0.15	0.19	1.9	35.2	13
14	2.3	4.9 B	1.4	15.5	0.9	1.9	0.87	0.25	0.12	0.21	2.8	28.8	14
15	2.1	4.5 B	1.7	13.8	7.8	4.3	0.61	0.24	0.09	0.22	8.2	21.9	15
16	2.1	3.7 B	2.2 B	12.5	6.8	6.6	0.51	0.62	0.11	0.25	8.9	17.1	16
17	2.1	3.4 B	3.9	12.3	6.2	3.0	0.42	3.8	0.34	0.34	7.8	13.6 B	17
18	2.1	3.2 B	12.0	13.4	9.4	2.0	0.37	2.0	0.44	0.31	8.2	10.6 B	18
19	2.5	3.2	20.1	14.1	31.8	1.9	0.33	1.7	0.29	0.27	10.2	9.8	19
20	2.7	3.1	20.9	11.8	71.9	1.8	0.27	1.3	0.23	0.68	19.0	9.3 B	20
21	2.6	3.2	76.8	10.2	45.3	1.4	0.33	0.67	0.21	1.2	16.0	8.5	21
22	2.5	3.4	74.8	10.0	29.8	1.2	0.76	0.49	0.2	0.99	11.7	8.2 B	22
23	2.3	3.5	70.0	19.5	21.0	3.4	0.59	0.39	0.17	0.78	10.6	7.4 B	23
24	4.0	3.4	81.9	26.9	16.2	8.0	0.43	0.32	0.17	0.64	9.3	6.6 B	24
25	10.1 B	3.3	187.0	21.8	13.7	4.2	0.46	0.29	0.2	0.61	8.0	6.0 B	25
26	8.9 B	3.1	84.7	18.0	11.8	2.6	0.76	0.26	0.21	0.57	7.9	5.6 B	26
27	10.0 B	2.9 B	40.0	15.9	9.6	2.0	2.2	0.29	0.19	0.63	6.9	5.1 B	27
28	10.7 B	2.8 B	37.7	14.6	8.1	1.6	0.29	0.19	0.18	0.6	5.1	4.7 B	28
29	11.5 B		45.5	14.4	7.3	1.3	2.4	0.2	0.18	0.49	5.4	4.3	29
30	12.6		36.6	11.9	6.1	1.9	0.96	0.23	0.18	0.45	5.2	3.8	30
31	24.7		26.7		5.1		0.63	0.21		0.44		3.6	31
TOTAL	153.4	209.0	856.4	627.7	470.8	96.6	32.62	23.58	5.9	12.61	184.33	313.9	TOTAL
MEAN	4.94	7.40	27.62	20.92	15.18	3.22	1.05	0.76	0.19	0.4	6.14	10.12	MEAN
AC-FT	304.20	414.55	1698.66	1245.04	933.83	191.6	64.7	46.77	11.7	25.01	365.61	622.62	AC-FT
MAX	24.7	25.6	187.0	40.8	81.8	8.0	3.3	3.8	0.44	1.2	19.0	41.8	MAX
MIN	2.1	2.8	1.3	10.0	5.1	1.2	0.27	0.2	0.09	0.18	0.43	2.8	MIN

SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 8.2 CFS
 TOTAL DISCHARGE, 5930 AC-FT
 MAXIMUM DAILY DISCHARGE, 187 CFS
 MINIMUM DAILY DISCHARGE, 0.09 CFS

LOCATION: AT THE BRIDGE ON PORTLAND TWP. CONCESSION
 ROAD 5, ABOUT 0.5 MILE WEST OF HARROWSMITH.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 8.1 SQUARE MILES.
 REMARKS: BROAD-CRESTED 120 SHALLOW V-SHAPED
 CONCRETE CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED
 NATURAL FLOW

WILTON CREEK AT HARROWSMITH - STATION NO. 02HM201

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.0	1.3	2.2 B	35.6	9.2	2.1	0.58	0.53	0.0	0.55	0.54	13.7	01
02	2.3	1.5 B	2.2	46.7	10.2	1.9	0.54	0.46	0.0	0.44	0.47	13.8	02
03	2.0	2.2 B	2.1 B	58.4	8.7	1.7	0.47	0.4	0.01	0.44	0.39	11.7	03
04	1.9	2.3 B	2.2	53.7	7.6	1.5	1.7	0.35	0.12	0.32	0.36	10.4	04
05	2.0	3.8 B	2.6	48.7	7.9	1.3	2.5	0.32	0.18	0.42	0.33	9.2	05
06	2.0 B	5.9 B	2.6	50.2	7.0	1.1	1.2	0.28	0.12	0.3	0.32	8.4	06
07	2.0 B	6.9	2.7 B	67.1	0.0	1.0	0.71	0.26	0.05	0.26	0.29	8.1	07
08	2.1 B	7.5	2.7 B	66.6	5.5	0.96	0.53	0.24	0.02	0.23	0.27	8.2	08
09	2.1 B	7.0	2.7 B	102.0	5.4	0.87	0.42	0.21	0.0	0.21	0.76	9.3	09
10	2.2 B	6.8	2.6 B	73.6	5.2	0.76	0.39	0.19	0.06	0.22	0.64	16.4	10
11	2.2 B	6.4	2.7 B	44.6	4.6	0.78	0.69	0.12	0.09	0.49	0.66	17.3	11
12	2.1 B	5.4 B	2.6 B	33.2	4.2	0.85	1.1	0.11	0.05	0.5	1.8	13.9 B	12
13	2.2 B	5.1 B	2.6	26.9	4.0	0.59	0.66	0.09	0.0	0.57	3.5	11.4 B	13
14	2.2 B	4.7 B	2.7	22.7	3.4	0.54	0.57	0.08	0.0	0.59	2.8	10.8	14
15	2.2 B	4.6 B	2.8 B	19.2	3.1	0.49	1.1	0.07	0.0	0.56	3.8	9.3 B	15
16	2.1 B	4.2 B	2.8 B	16.4	6.0	0.49	1.2	0.06	0.24	0.45	5.1	8.2 B	16
17	2.0 B	3.8 B	2.8 B	14.6	11.3	0.82	1.9	0.06	0.29	0.39	4.4	6.8 B	17
18	1.9 B	3.7	2.9 B	13.3	8.7	1.1	1.0	0.07	0.24	0.35	3.9	7.6	18
19	1.8	3.4 B	3.4 B	13.7	7.0	0.71	0.61	0.07	0.22	0.28	3.4	7.9	19
20	1.9	3.3 B	4.5 B	13.2	5.8	0.59	2.4	0.08	0.17	0.26	6.0	8.8	20
21	1.6	3.2	6.9	15.7	4.9	0.54	7.9	0.07	0.16	0.27	17.1	8.4 B	21
22	1.4 B	3.1	16.1	14.7	5.0	0.45	3.5	0.07	0.15	0.58	15.0	7.6 B	22
23	1.2 B	2.9 B	30.1	13.1	4.9	0.37	1.4	0.08	0.08	0.87	12.3	7.5 B	23
24	1.1 B	3.0	38.9	15.0	4.0	0.31	1.3	0.06	0.07	0.59	8.7	7.4 B	24
25	1.0 B	2.7	43.7	24.9	3.0	0.28	0.92	0.04	0.08	0.45	6.9	7.3 B	25
26	0.99B	2.5 B	54.8	22.1	4.9	0.27	0.83	0.03	0.11	0.41	6.4	6.9 B	26
27	0.98	2.5	69.3	18.1	3.0	1.5	0.76	0.0	0.29	0.39	7.0	6.9 B	27
28	1.0	2.2	68.0	15.6	3.2	1.0	0.68	0.0	0.39	0.39	11.1	6.6 B	28
29	1.2		47.0 B	12.9	2.7	0.61	0.63	0.0	0.48	0.35	15.1	6.2 B	29
30	1.3		36.3 B	10.5	2.3	0.73	0.59	0.02	0.43	0.33	15.1	5.5 E	30
31	1.2		31.8 B		2.1		0.53	0.04		0.4		5.5 E	31
TOTAL	55.17	111.9	497.3	1003.0	172.2	20.21	39.31	4.46	4.1	13.06	154.43	287.0	TOTAL
MEAN	1.77	3.99	16.04	33.43	5.55	0.87	1.26	0.14	0.13	0.42	5.14	9.25	MEAN
AC-FT	109.42	221.95	986.39	1989.45	341.55	51.98	77.97	8.84	8.13	25.9	306.31	569.26	AC-FT
MAX	3.0	7.5	69.3	102.0	11.3	2.1	7.9	0.53	0.48	0.87	17.1	17.3	MAX
MIN	0.98	1.3	2.1	10.5	2.1	0.27	0.39	0.0	0.0	0.21	0.27	5.5	MIN

SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 6.5 CFS
 TOTAL DISCHARGE, 4700 AC-FT
 MAXIMUM DAILY DISCHARGE, 102 CFS
 MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON PORTLAND TWP. CONCESSION
 ROAD 5, ABOUT 0.5 MILE WEST OF HARROWSMITH.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 8.1 SQUARE MILES.
 REMARKS: BROAD-CRESTED 120 SHALLOW V-SHAPED
 CONCRETE CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED
 NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.5 E	2.5 E	16.8	15.2 E	9.7	1.3	0.39	0.18	0.17	0.35	0.35	1.2 E	01
02	5.5 E	2.4 E	15.7 B	35.3 E	9.7	1.4	0.32	0.13	0.1	0.11	0.36	1.1 B	02
03	5.5 E	2.2 E	15.5 B	38.7 E	10.1	3.1	0.25	0.08	0.07	0.05	0.38	0.97 B	03
04	7.1 E	2.1 E	13.7 B	37.8 E	10.6	2.1	0.22	0.07	0.05	0.08	0.37	0.9 B	04
05	5.8	2.2	15.0 B	33.8 E	9.8	1.5	0.21	0.05	0.05	0.08	0.37	0.86 B	05
06	7.1	2.8	13.6 B	34.5 E	8.8	1.2	0.5	0.04	0.23	0.18	0.37	1.0	06
07	6.7 B	2.8	12.9 B	66.4 E	7.8	1.0	0.63	0.03	0.28	0.48	0.5	2.1	07
08	6.8 B	2.5	13.0 B	78.2	7.6	1.7	0.39	0.02	0.17	0.54	0.53	2.8	08
09	6.8 B	2.3 B	11.7 B	89.6	9.7	2.6	0.28	0.01	0.08	0.28	0.4	4.3	09
10	6.7 B	2.4 B	11.4 B	129.0	8.2	1.1	0.2	0.0	0.05	0.6	0.45	9.2	10
11	6.3	2.4 B	10.9	117.0	6.7	0.91	0.16	0.01	0.04	0.79	0.68	15.4	11
12	6.3 E	2.4	9.9 B	119.0	6.3	0.79	0.11	0.0	0.04	0.62	0.9	12.9	12
13	4.9 E	2.3 B	9.3 B	120.0	6.0	0.76	0.33	0.0	0.06	0.69	0.68	10.4	13
14	4.9 E	2.1 B	8.8 B	101.0	5.3	0.62	1.8	0.01	0.13	0.85	0.5	7.7	14
15	4.9 E	2.6 B	10.7	63.3	4.8	0.56	1.3	0.07	0.15	1.2	0.57	9.0	15
16	4.1	2.9 B	27.8	47.4	4.4	0.52	0.61	0.05	0.1	0.43	0.61	24.0	16
17	3.8	3.0	35.0	38.7	4.1	0.47	0.53	0.02	0.07	0.35	0.54	21.1	17
18	3.7	3.1	33.1 B	33.2	3.7	0.43	0.5	0.0	0.06	0.41	0.5	15.7 B	18
19	3.6	3.2	29.4	30.2	3.4	0.39	0.4	0.0	0.06	0.4	0.58	10.2 B	19
20	3.3	3.5	26.7	26.9	3.7	0.36	0.32	0.0	0.32	0.32	0.81	8.6	20
21	3.0	3.8	23.4	23.8	4.2	0.66	0.26	0.0	0.61	0.27	1.3	9.4	21
22	2.9	4.0	0.05E	20.1	3.1	0.73	0.21	0.01	0.46	0.27	1.3	8.3 B	22
23	2.9	5.5	18.6 E	16.8	2.5	0.47	0.17	0.07	0.28	0.27	0.86	6.1 B	23
24	2.9	6.0	17.5 E	14.9	2.3	0.4	0.18	0.03	0.28	0.27	0.66	7.2	24
25	2.8	7.1	16.1 E	13.6	2.8	1.5	0.23	0.02	0.23	0.52	0.61	7.1 B	25
26	2.9	7.9	15.6 E	12.4	2.7	3.4	0.23	0.01	0.17	0.65	0.67	6.5 B	26
27	2.8 E	12.3	14.3 E	11.4	3.2	1.1	0.4	0.02	0.08	0.56	0.87	5.9 B	27
28	2.7 E	17.3	13.8 E	10.4	2.7	0.64	0.28	0.25	0.05	0.46	1.4	4.8	28
29	2.7 E		13.4 E	11.2	2.0	0.53	0.24	0.58	0.08	0.38	1.6	4.5	29
30	2.5 E		13.4 E	10.3	1.8	0.45	0.26	0.38	0.07	0.34	1.2	3.9 B	30
31	2.5 E		12.9 E		1.5		0.23	0.26		0.35		3.9 B	31
TOTAL	139.9	115.6	499.95	1400.1	169.2	32.69	12.14	2.4	4.59	13.19	20.92	227.03	TOTAL
MEAN	4.51	4.12	16.12	46.67	5.45	1.08	0.39	0.07	0.15	0.42	0.69	7.32	MEAN
AC-FT	277.49	229.29	991.65	2777.09	335.6	64.84	24.07	4.76	9.1	26.16	41.49	450.31	AC-FT
MAX	7.1	17.3	35.0	129.0	10.6	3.4	1.8	0.58	0.61	1.2	1.6	24.0	MAX
MIN	2.5	2.1	0.05	10.3	1.5	0.36	0.11	0.0	0.04	0.05	0.35	0.86	MIN

SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 7.2 CFS
 TOTAL DISCHARGE, 5230 AC-FT
 MAXIMUM DAILY DISCHARGE, 129 CFS
 MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON PORTLAND TWP. CONCESSION
 ROAD 5, ABOUT 0.5 MILE WEST OF HARROWSMITH.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 8.1 SQUARE MILES.
 REMARKS: BROAD-CRESTED 120 SHALLOW V-SHAPED
 CONCRETE CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED

NATURAL FLOW

WILTON CREEK AT HARROWSMITH - STATION NO. 02HM201

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.6 B	3.1 B	2.1	39.1	10.5	8.5 E	14.2	1.1	0.28	2.6	6.0	16.0	01
02	3.4 B	2.8 B	2.1	55.1	10.9	7.1 E	9.9	1.1	0.24	1.3	7.1	15.0	02
03	3.2	2.5 B	2.0	62.5	15.2	4.4 E	9.0	1.7	0.28	0.91	9.3	10.3 B	03
04	3.2	2.8 B	1.9 B	59.8	14.1	3.4 E	9.3	1.6	0.29	0.7	9.2	7.9 B	04
05	3.1 B	2.6 B	1.8 B	34.5 E	15.6	3.4 E	7.2	1.1	0.27	1.1	9.1	7.8 B	05
06	3.0	2.5 B	1.8	28.6 E	15.3	3.4 E	5.8	1.0	0.24	1.2	8.3	35.9	06
07	2.8	2.4 B	1.8	31.6 E	17.2	4.0 E	5.1	1.1	0.22	2.9	7.8	50.7	07
08	2.6 B	2.3 B	2.2	31.6 E	14.9	5.3 E	4.5	1.8	0.36	2.2	24.7	34.1	08
09	2.7	2.2 B	2.1 B	35.3 E	12.6	14.3 E	3.8	2.2	0.4	1.2	65.5	24.9	09
10	3.3	2.2 B	2.0 B	41.4 E	10.2	9.9 E	5.4	1.9	0.39	0.95	46.2	19.5	10
11	3.5	2.1	1.9 B	67.7 E	8.6	8.5 E	5.9	1.4	0.33	0.84	32.4	14.7 B	11
12	3.6	2.1	1.9	111.0	7.5	8.5 E	7.2	1.1	0.28	0.81	24.6	12.5 B	12
13	6.8	4.7 B	1.9 B	132.0	6.5	7.7 E	6.5	1.0	0.27	0.8	19.6	26.7	13
14	4.9 B	17.5 B	1.9 B	130.0	6.0	6.6 E	5.8	1.4	0.28	0.77	16.2	36.5	14
15	4.3 B	8.3 B	1.9	130.0	5.9	5.7	5.5	1.7	0.26	0.78	13.7	26.0 B	15
16	4.3 B	7.7 B	2.0	101.0	9.7	4.9	6.7	1.2	0.23	0.85	11.0	13.3 B	16
17	4.4 B	7.1 B	3.0 B	82.6	10.0	3.8	4.4	0.95	0.2	0.97	9.9	13.9 B	17
18	5.5 B	6.6 B	4.4	88.4	8.1	3.1	3.1	0.82	0.18	0.75	8.7	14.7 B	18
19	15.0	6.2 B	4.5 B	72.4	8.7	2.8	2.5	0.7	0.19	0.75	8.4	13.8	19
20	11.5	5.2 B	4.7 B	54.2	7.2	2.5	2.2	0.59	0.18	1.0	6.0	12.2 B	20
21	7.7 B	4.8 B	4.4	41.6	6.1	5.5	2.1	0.54	0.17	1.1	7.2	10.1 B	21
22	7.7 B	4.0 B	8.4	33.8	4.9	12.5	2.0	0.49	0.16	1.1	7.2 E	9.2	22
23	22.4	3.4 B	15.0	33.4	4.3	14.5	3.1	0.53	0.14	4.1	7.0 E	8.8	23
24	16.2	3.2 B	14.6	29.2	3.6	27.5	2.8	0.54	0.21	10.5	7.1 E	8.7	24
25	16.5 B	3.0	14.1 B	25.5	3.1	26.9	2.8	0.8	0.27	12.2	7.4 E	8.7	25
26	9.2 B	2.7	13.5 B	21.2	2.8	24.4	4.0	0.86	0.34	10.5	13.6 E	8.9	26
27	6.7 B	2.5 B	13.1 B	17.8	2.5	20.8	2.7	0.63	0.36	8.2	27.1	9.0	27
28	5.6 B	2.4	13.2 B	15.2	2.3	15.9	2.1	0.53	0.32	7.1	28.4	8.7	28
29	4.9 B	2.4	13.0 B	13.5	2.1 E	12.1	1.7	0.44	0.35	7.5	25.3	8.8 E	29
30	4.3 B		18.4	11.8	2.8 E	14.7	1.4	0.37	1.6	7.0	18.5	10.6 E	30
31	3.7 B		27.8		4.9 E		1.1	0.33		6.3		10.3 E	31
TOTAL	199.6	121.3	203.4	1631.8	254.1	292.6	149.8	31.52	9.29	95.06	493.1	506.1	TOTAL
MEAN	6.43	4.18	6.56	54.39	8.19	9.75	4.83	1.01	0.3	3.19	16.43	16.39	MEAN
AC-FT	395.9	240.59	403.44	3236.67	504.0	580.37	297.12	62.51	18.42	196.48	976.06	1007.81	AC-FT
MAX	22.4	17.5	27.8	132.0	17.2	27.5	14.2	2.2	1.6	12.2	65.5	50.7	MAX
MIN	2.6	2.1	1.8	11.8	2.1	2.5	1.1	0.33	0.14	0.7	6.0	7.8	MIN

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 10.9 CFS
 TOTAL DISCHARGE, 7930 AC-FT
 MAXIMUM DAILY DISCHARGE, 132 CFS
 MINIMUM DAILY DISCHARGE, 0.14 CFS

LOCATION: AT THE BRIDGE ON PORTLAND TWP. CONCESSION
 ROAD 5, ABOUT 0.5 MILE WEST OF HARROWSMITH.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 8.1 SQUARE MILES.
 REMARKS: BROAD-CRESTED 120 SHALLOW V-SHAPED
 CONCRETE CONTROL.

B - ICE CONDITIONS
 E - ESTIMATED

NATURAL FLOW

WILTON CREEK AT HARROWSMITH - STATION NO. 02HM201

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	46.0	13.8 E	1.9	18.7	13.3	7.4	0.56	0.69	0.06	0.19	2.8	7.4	01
02	54.0	27.4 E	2.2	70.5	10.2	7.4	0.53	4.5	0.05	0.21	3.1	5.8	02
03	45.0	84.5 E	4.7	91.1	19.8	5.7	0.49	2.5	0.04	0.35	3.2	5.9	03
04	38.9	51.0 E	43.8	64.2	17.4	5.5	0.54	1.0	0.03	0.47	2.9	6.0	04
05	59.7	31.0	34.0	73.4	14.1	5.1	0.5	0.57	0.03	0.9	2.5	10.8	05
06	27.6 B	21.2	48.7	51.1	10.6	4.4	0.47	0.48	0.07	1.1	2.2	22.0	06
07	10.1 B	16.9	63.7	35.7	9.9	5.7	0.41	0.38	0.05	0.8	2.0	18.5	07
08	8.7 B	13.7	79.9	26.5	11.5	4.7	0.34	0.32	0.03	0.6	2.0	14.8	08
09	6.4 B	10.3 B	51.3	20.3	10.4	3.5	0.3	0.3	0.03	0.49	1.9	12.3	09
10	6.4 B	8.7 B	34.8	17.7	9.4	2.7	0.32	0.29	0.03	0.36	1.6	12.4	10
11	6.4 B	7.6 B	32.2	16.4	9.3	2.2	0.51	0.28	0.01	0.29	1.3	13.0	11
12	6.2 B	6.6 B	40.6	14.3 E	10.1	2.2	0.42	0.22	0.0	0.29	1.5	10.4	12
13	6.1	3.4 B	35.0	12.5 E	11.2	2.1	0.35	0.2	0.0	0.32	1.6	8.7	13
14	6.0	5.2 B	27.0	11.0 E	9.4	1.8	0.34	0.17	0.0	0.39	1.6	7.5 B	14
15	5.9	4.9 B	31.4	9.9 E	9.9	1.7	0.28	0.16	0.01	0.38	3.3	6.8 B	15
16	5.8	4.6 B	32.8	8.2 E	8.5	1.8	0.25	0.07	0.0	0.34	5.7	5.7 B	16
17	5.8	3.8 B	55.7	9.3	8.0	1.8	0.2	0.06	0.0	0.3	4.6	4.8 B	17
18	7.2	3.6	69.2	11.5	8.6	1.8	0.17	0.06	0.25	0.38	4.5	4.7 B	18
19	12.4	3.5	45.0	6.7	9.9	1.7	0.14	0.07	0.54	0.49	4.4	4.5 B	19
20	23.8	3.5	32.5	5.7	8.1	1.4	0.17	0.09	0.51	0.48	3.7	3.8 B	20
21	21.8 B	3.6	25.2	5.1	8.7	1.1 E	0.15	0.27	0.32	0.42E	3.6	4.3 B	21
22	29.9	3.6	20.6	5.5	9.3	1.0 E	0.12	0.35	0.43	0.37E	4.3	4.3 B	22
23	77.4	3.1 B	17.0	5.4	7.9	0.96	0.08	0.36	0.82	0.34	4.0	3.9	23
24	51.7	3.0 B	15.9	6.0	5.9	0.93	0.07	0.27	1.0	0.28	4.2	3.6	24
25	33.6	2.5 B	14.3	8.3	5.3	0.89	0.07	0.19	0.79	0.25	6.4	4.3	25
26	25.2	2.2 B	12.9	6.3	5.2	0.79	0.11	0.15	0.55	0.3	8.4	12.5 B	26
27	19.9	1.9 B	10.6 E	7.1	5.8	0.67	0.18	0.12	0.41	0.27	7.8	30.3 B	27
28	15.3	1.8 B	10.6 E	19.1	7.5	0.62	0.14	0.09	0.3	0.23	8.6	37.1 B	28
29	12.1 B		10.6 E	17.4	11.0	0.62	0.18	0.07	0.25	0.23	9.5	32.5	29
30	11.0 B		9.9 E	15.4	8.6	0.6	0.17	0.05	0.21	0.81	8.4	35.6	30
31	10.3 E		8.8 E		7.4		0.13	0.05		2.0		29.5	31
TOTAL	682.6	423.9	922.8	670.3	308.2	78.78	8.69	14.38	6.82	14.63	123.6	382.1	TOTAL
MEAN	22.01	15.13	29.70	22.54	9.94	2.62	0.28	0.46	0.22	0.47	4.12	12.32	MEAN
AC-FT	1353.93	840.8	1830.37	1341.44	611.31	156.26	17.23	28.52	13.52	29.01	245.16	757.89	AC-FT
MAX	77.4	97.4	79.9	91.1	19.8	7.4	0.56	4.5	1.0	2.0	9.5	37.1	MAX
MIN	5.8	1.8	1.9	5.1	5.2	0.6	0.07	0.05	0.0	0.19	1.3	3.6	MIN

SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 10.0 CFS
TOTAL DISCHARGE, 7220 AC-FT
MAXIMUM DAILY DISCHARGE, 97.4 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON PORTLAND TWP. CONCESSION
ROAD 5, ABOUT 0.5 MILE WEST OF HARROWSMITH.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 8.1 SQUARE MILES.
REMARKS: BROAD-CRESTED 120 SHALLOW V-SHAPED
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

WILTON CREEK AT HARROWSMITH - STATION NO. 02HM201

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01			11.9	28.6	9.2	4.9	1.1	0.24	0.07	0.14	0.19	1.9	01
02			13.7	53.1	7.2	3.9	0.83	0.19	0.09	0.15	0.19	2.0	02
03			16.0	89.3	6.2	3.6	0.78	0.17	0.04	0.16	0.2	2.0	03
04			67.7	178.0	5.9	5.3	0.66	0.83	0.07	0.16	0.45	1.7	04
05			114.0	92.0	5.3	5.0	0.52	1.1	0.07	0.15	0.51	1.3	05
06			81.2	52.5	6.3	3.0	0.35	0.43	0.06	0.13	0.41	1.1	06
07			83.9	37.7	7.3	2.2	0.29	0.25	0.05	0.12	0.3	1.1	07
08			55.7	32.1	6.8	2.0	0.2	0.17	0.06	0.11	0.19	12.9	08
09			34.7	25.3	10.1	1.8	0.2	0.12	0.06	0.11	0.19	30.7	09
10			24.3	21.3	26.5	1.6	0.36	0.11	0.03	0.1	0.19	19.2	10
11			18.0	20.7	25.0	1.4	0.25	0.09	0.04	0.09	0.18	14.3	11
12			15.2	20.4	30.6	1.3	0.19	0.08	0.04	0.1	0.23	13.3	12
13			13.1	20.8	31.1	1.3	0.16	0.08	0.03	0.12	1.0	12.4	13
14			10.8	22.3	38.0	1.1	0.15	0.07	0.05	0.36	1.3	9.9	14
15			9.1	27.2	28.0	1.1	0.14	0.05		0.82	1.1	6.7	15
16			8.2	23.3	21.0	2.8	0.13	0.05		0.78		5.2	16
17			7.4	20.1	19.3	2.5	0.12	0.07		0.61		5.2	17
18			6.7	17.5	16.0	1.7	0.11	0.08		0.48		5.1	18
19			7.0	15.1	12.4	1.5	0.1	0.11		0.3		5.2	19
20			6.5	13.1	9.9	2.4	0.09	0.15		0.19		5.4	20
21			5.1	11.3	8.5	1.7	0.09	0.0		0.18		5.4	21
22			5.4	11.3	7.6	1.5	0.08	0.02		0.17		4.9	22
23			5.2	14.5	7.4	1.2	0.1	0.06		0.17		4.8	23
24			5.4	12.1	6.8	0.93	0.2	0.06		0.15		4.6	24
25			5.5	10.1	6.1	0.9	0.35	0.09		0.16	2.9	4.2	25
26			4.8	8.5	5.7	1.0	0.43	0.51		0.16	2.1	4.4	26
27			4.6	7.4	5.7	0.91	0.34	0.24		0.15	1.9	3.7	27
28			3.8	6.0	5.4	0.73	0.27	0.05		0.14	1.9	3.5	28
29			3.6	6.4	8.8	1.3	0.23	0.05	0.15	0.14	1.8	3.5	29
30			3.9	7.2	5.0	1.6	0.38	0.04	0.15	0.15	1.9	3.4	30
31			12.6		4.1		0.3	0.03		0.18		3.5	31
TOTAL			665.0	905.8	413.2	62.17	9.5	5.59		6.93		202.5	TOTAL
MEAN			21.45	30.19	13.32	2.07	0.3	0.18		0.22		6.53	MEAN
AC-FT			1319.02	1796.65	819.58	123.31	18.84	11.08		13.74		401.65	AC-FT
MAX			114.0	178.0	51.1	5.3	1.1	1.1		0.82		30.7	MAX
MIN			3.6	6.4	4.1	0.73	0.08	0.0		0.09		1.1	MIN

SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 178.0 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON PORTLAND TWP. CONCESSION
ROAD 5, ABOUT 0.5 MILE WEST OF HARROWSMITH.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 8.1 SQUARE MILES.
REMARKS: BROAD-CRESTED SHALLOW V-SHAPED
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.5 E	1.1 B	19.0	18.3	6.8	2.3	0.19	0.05	0.0	1.3	1.9		01
02	2.6 B	0.9 B	15.0	17.5	7.0	1.4	0.18	0.02	0.0	1.7	2.2		02
03	2.6 B	0.74B	11.6	12.8	6.0	1.0	0.21	0.04	0.0	1.5	2.0		03
04	2.7 B	0.62B	10.3	11.6	5.4	0.9	0.19	0.1	0.0	1.3	1.9		04
05	2.8 B	0.5 B	8.7	14.7	6.5	1.5	0.15E	0.09	0.0	1.1	1.7		05
06	2.9 B	0.44B	8.0	14.7	5.5	4.4	0.13E	0.05	0.0	1.1	1.6		06
07	3.0 B	0.43B	7.4	13.6	4.6	3.1	0.11E	0.04	0.0	1.0	2.0		07
08	3.4	0.42B	6.9	13.5	4.1	2.9	0.1 E	0.04	0.0	0.92	5.8		08
09	4.7	0.43B	6.5	13.9	3.7	2.9	0.09E	0.0	0.0	0.87	7.5		09
10	7.1	0.45B	6.1	14.1	3.2	1.5	0.09E	0.0	0.0	0.89	12.3		10
11	40.5	0.45B	6.4	14.8	3.0	1.0	0.11E	0.02	0.05	0.95	25.4		11
12	70.4	0.43B	6.1	17.5	2.8	1.5	0.1 E	0.01	0.27	0.95	20.1		12
13	53.9	0.42B	10.1	21.3	2.7	2.8	0.09E	0.04	0.1	1.1	15.8		13
14	36.9	0.42B	13.4	28.1	2.5	1.8	0.09E	0.02	0.1	1.7	12.3		14
15	23.7	0.41B	12.5	36.9	2.3	1.3	0.08E	0.0	0.16	1.7	9.7		15
16	18.2	0.4 B	12.6	40.7	2.5	3.8	0.07E	0.0	0.14	1.4	8.4		16
17	15.3	0.38B	17.7	39.6	2.1	2.7	0.07E	0.0	0.12	1.1	7.3		17
18	14.1	0.35B	31.5	36.5	1.9	1.7	0.06E	0.0	0.12	2.4	6.5		18
19	9.6	0.39B	91.8	81.3	1.7	1.4	0.07E	0.0	0.5	3.0	5.8		19
20	8.5 B	0.43B	194.0	61.3	1.4	1.4	0.07E	0.0	0.22E	3.2	5.4		20
21	7.8 B	0.48B	90.3	39.2	1.3	1.1	0.07E	0.0	0.21E	3.1	5.3		21
22	6.8 B	1.8	67.3	28.4	1.2	1.0	0.06E	0.0	0.19E	3.2			22
23	6.2 B	2.7	64.6	22.0	1.1	0.89	0.04E	0.0	0.19E	3.0			23
24	5.8 B	14.3	54.4	22.1	1.0	0.8	0.03E	0.0	0.2 E	2.8			24
25	5.3 B	42.0	52.1	18.6	0.92	0.75	0.04E	0.0	0.26E	2.6			25
26	4.0 B	33.6	45.5	14.5	0.89	0.61	0.1	0.0	3.7	2.5			26
27	3.2 B	29.1	33.2	11.8	0.87	0.51	0.12	0.0	4.8	2.3			27
28	2.7 B	22.8	26.7	10.0	0.78	0.47	0.11	0.0	2.9	2.1			28
29	2.3 B		25.2	8.5	0.69	0.44	0.09	0.01	2.0	2.0			29
30	1.7 B		24.8	7.4	1.1	0.28	0.13	0.05	1.6	1.9			30
31	1.4 B		20.3		1.7		0.07	0.0		1.7			31
TOTAL	372.6	156.89	1000.0	705.2	87.25	48.15	3.11	0.58	17.83	56.38			TOTAL
MEAN	12.01	5.6	32.25	23.5	2.81	1.6	0.1	0.01	0.59	1.81			MEAN
AC-FT	739.05	311.19	1983.5	1398.76	173.06	95.5	6.16	1.15	35.36	111.82			AC-FT
MAX	70.4	42.0	194.0	81.3	7.0	4.4	0.21	0.1	4.8	3.2			MAX
MIN	1.4	0.35	6.1	7.4	0.69	0.28	0.03	0.0	0.0	0.87			MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 194.0 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON PORTLAND TWP. CONCESSION
ROAD 5, ABOUT 0.5 MILE WEST OF HARROWSMITH.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 8.1 SQUARE MILES.
REMARKS: BROAD-CRESTED SHALLOW V-SHAPED
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

WILTON CREEK AT HARROWSMITH - STATION NO. 02HM201

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01				69.2	4.0	4.6	0.84						01
02				55.4	5.3	3.7	0.89						02
03				38.7	4.5	3.1	1.0						03
04				29.6	5.9	2.6	1.1						04
05				22.5	4.0	2.2	0.95						05
06				17.8	4.5	2.0	0.67						06
07				14.5	10.9	2.3	0.47						07
08				12.2	12.1	2.1	0.34						08
09				10.1	9.5	1.7	0.2						09
10				8.4	8.0	1.4	0.2						10
11				7.1	8.4	1.2	0.33						11
12				6.5	9.3	1.2							12
13				10.2	7.4	1.1							13
14				6.4	6.4	1.0							14
15				5.6	6.3	0.93							15
16				5.4	5.6	1.0							16
17				4.5	5.9	1.1							17
18				3.5	7.7	1.1							18
19			9.6	2.9	12.6	1.1							19
20			26.1	5.8	36.4	1.5							20
21			96.5	3.7	38.8	1.5							21
22			83.1	7.1	32.9	1.2							22
23			67.3	7.6	25.1	0.96							23
24			80.5	9.0	18.8	0.87							24
25			86.1	7.4	14.6	2.3							25
26			81.9	7.9	11.8	2.2							26
27			80.5	7.5	9.1	1.7							27
28			81.9	6.5	7.6	1.1							28
29			57.5	5.4	6.3	0.99							29
30			42.9	4.6	5.4	0.89							30
31			39.7		5.1								31
TOTAL				403.0	350.2	50.64							TOTAL
MEAN				13.43	11.29	1.68							MEAN
AC-FT				799.35	694.62	100.44							AC-FT
MAX				69.2	38.8	4.6							MAX
MIN				2.9	4.0	0.87							MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, CFS
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE BRIDGE ON PORTLAND TWP. CONCESSION
ROAD 5, ABOUT 0.5 MILE WEST OF HARROWSMITH.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 8.1 SQUARE MILES.
REMARKS: BROAD-CRESTED SHALLOW V-SHAPED
CONCRETE CONTROL.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

